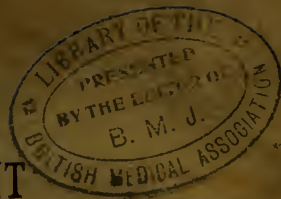


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A

MEDICO-TOPOGRAPHICAL ACCOUNT



OF

AJMERE, RAJPUTANA

BY

LT.-COLONEL P. DURRELL PANK,

INDIAN MEDICAL SERVICE,  
RESIDENCY SURGEON, JEYPORE, LATE OFFICIATING CIVIL SURGEON, AJMERE,

WITH ADDITIONAL NOTES

BY

LT.-COLONEL D. FFRENCH-MULLEN, M.D.,

INDIAN MEDICAL SERVICE,  
CIVIL SURGEON, AJMERE.

1900.



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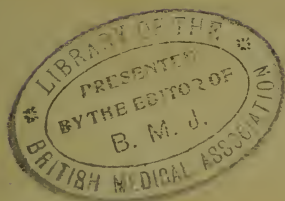
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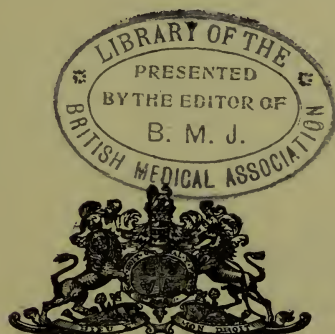
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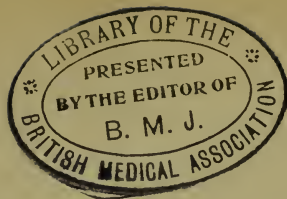


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## PREFACE.

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THE Medico-Topographical account of Ajmere is one of a series of reports, which are being prepared, under the authority of the Government of India in the Foreign Department, on the recommendation of the Agent to the Governor General in Rajputana, and of the Director General, Indian Medical Service.

With the approval of the Agent to the Governor General, the books are being edited by Colonel Hendley, Indian Medical Service, formerly Administrative Medical Officer, Rajputana, who suggested the preparation of the histories, and wrote the first one on the Jeypore State.

Accounts of the Alwar and Bikanir States, by Major Neilson, M.B., have been published by the Durbars concerned, and the history of Deoli and of the Deoli Irregular Force, by Major Woolbert, I.M.S., has also appeared. The general account of Rajputana by the Editor is also ready for publication.

The Ajmere work was written by Lt.-Colonel Pank when he was acting as Civil Surgeon during the absence on furlough of Lt.-Colonel French-Mullen who has therefore added a few remarks embodying his own experience of the station and district.

T. H. HENDLEY, *Col., I.M.S.,*  
*Inspector-General of Civil Hospitals, Bengal.*



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## MEDICO-TOPOGRAPHICAL ACCOUNT

OF

### AJMERE.

#### GENERAL DESCRIPTION.

AJMERE-MERWARA is an isolated British district in Rajputana, lying between  $25^{\circ} 30'$  and  $26^{\circ} 45'$  N. latitude and between  $73^{\circ} 53'$  and  $75^{\circ} 22'$  E. longitude, with an area of 2,711 square miles and a population, according to the census of 1891, of 542,358 souls.

The district comprises the two tracts known as Ajmere-Merwara, and is entirely surrounded by Native States.

Ajmere is bounded on the north by Kishengarh and Marwar, on the west by Marwar, on the south by Meywar, and on the east by Kishengarh, Jeypore, and Meywar.

The District of Ajmere-Merwara occupies the crest of the great Rajputana watershed, the rain which falls upon the summit finding its way either by the Chambal into the Bay of Bengal, or by the Luni into the Gulf of Cutch. The plateau on whose centre stands the town of Ajmere may be considered as the highest point in the plains of Hindustan; and from the circle of hills which hem it in, the surrounding country slopes away on every side—toward river valleys on the east, south, and west, or the desert region on the north. The Aravalli Range, which divides the plain of Marwar from the high tableland of Meywar, forms the distinguishing feature of the district. Rising first from the alluvial basin of the Jumna into the ridge at Delhi, this broken chain runs south-westward across the Rajputana States, and crops out to a considerable height near the town of Ajmere, where it assumes the form of several parallel hill ranges. The greatest elevation, on which is perched the fort of Taragarh, rises immediately over the city 2,855 feet above the sea level and about 1,300 above the valley at its base.

Owing to its elevated position at the centre of the watershed, Ajmere-Merwara possesses no rivers of any importance. The Banas, its principal stream, rises in the Aravalli Hills 40 miles north-west of Oodeypore, and skirts the south-east border without.

entering the district; during the rains it becomes unfordable. There is a good ferry at Negria, which is kept up by the Public Works Department and is paid for by the Jeypore Darbar. Four other insignificant rivulets, the Khari Nadi, the Dai Nadi, the Sagarmati, the Saraswati, swell into violent torrents after heavy rains. The great tank embankments form the most interesting feature in the hydrography of the district. They are constructed by damming up the gorges of hill streamlets, and several of them date back to periods long anterior to the British occupation. As many as 419 of these valuable works now irrigate and fertilize the district, due in most part to the untiring energy and benevolent exertions of Colonel Dixon, who administered various portions of this district from 1836 to 1857. The tanks become dry by the month of March, and their moist beds are then cultivated for the spring crops. Four small natural reservoirs, scarcely deserving the names of lakes, are also found in the depressions of the sandhills, the most important of which is the sacred lake of Pushkar. The district was entirely denuded of trees long before the British period, but great pains have lately been taken for re-foresting the arid hill-sides.

The census of 1891 returned the population of Ajmere-Merwara at 542,358 souls; inhabiting 2,710 square miles, and distributed amongst 101,654 houses, with the following results:—persons per square mile 200, houses per square mile 37·5, persons per house 5·33. Of the total population, 288,325 were males and 254,033 females. According to religion the numbers were as follows:—

Hindus and Veds	. 437,988	Mussalmans	. . . 74,265
Jains	. . . 26,939	Christians	. . . 2,683
Sikhs	. . . 213	Others	. . . 270

In the two districts there were in 1891 four towns and seven hundred and forty-one villages; the average area of the towns was 10·1 square miles, and of inhabited villages 4·9 square miles in Ajmere and 1·9 square miles in Merwara. The population of Ajmere City is 68,843, and the increase since 1881 has been 20,108, or 41·2 per cent., namely, 36·3 per cent. of males and 44·2 per cent. of females. In 1837, the population of "Ajmere proper" was only 23,432. Hindus now number 36,729, Muhammadans 26,433, Jains 2,770, and the disciples of Arya Samaj number 1,097.

Muhammadans have increased 41 per cent. and Hindus by 39 per cent. The total population employed in, or dependent on employés of, the railway in Ajmere is 10,050; the railway, therefore, supports 14 per cent. of the total population.

Ajmere City dates from about 1210 A.D., and the main portion within the massive enclosure walls was probably very extensively built over a century ago.

The city lies to the north on the lower slopes of Taragarh Hill; and the view from the tops of the houses commands the whole valley. Outside the walls the city has gradually extended, and beyond the city extensions are the buildings of the railway staff and premises, which continue to about one and a half miles south of the city wall, and the houses of the railway officers and office employés are distributed on both sides of the valley. These, with the military cantonment, civil buildings, and all others without the city walls, are classed as the suburbs of Ajmere.

The population, according to the census taken in 1891, was, total population 68,843, comprised as follows :—

Inside city walls	.	.	.	.	.	.	.	.	41,416
Outside city walls	.	.	.	.	.	.	.	.	11,585
Suburbs	.	.	.	.	.	.	.	.	13,746
Cantonment	.	.	.	.	.	.	.	.	1,814
Railway passengers	.	.	.	.	.	.	.	.	282

That part of the city enclosed within its walls is about one mile in length, and about  $\frac{3}{4}$  mile in breadth, and its area is about half a square mile. The city walls completely enclose it and average 12 feet thick by 20 feet high; it has five main entrance gates, and a few other entrances have been made through the city walls.

The plan of the city is evidently undesigned, and has, like most old cities, grown in the course of centuries to be very irregular, complicated, and overcrowded with buildings. There can be said to be only three main streets, two straight ones running north and south, the Naya Bazar and the Durgah Bazar, about 40 to 50 feet wide, and one running east and west very irregularly, about 25 feet wide, the Nullah Bazar, which latter carries off a great deal of the drainage and pours it into the Bisla tank.

Neither the Naya nor the Delhi Bazar penetrate much more than half the length of the town; they end at the Nullah Bazar; the blocks between these three main thoroughfares are divided up into irregular mohullas by tortuous and extremely narrow thoroughfares, which vary from 7 to about 15 feet, the majority not being over 10 feet wide; and these mohullas themselves are subdivided by still narrower passages and gullies, some of which are only 3 feet wide.

The Ajmere style of building delights in projections over the streets and lanes of balconies, and into the road-way of steps and chabutras, and the absence of a proper detailed map demarking public from private property, and the impossibility of promptly detecting encroachments or even proving them, has led to the construction of such a maze of buildings and projections that a complete detailed survey of the town would now be a very difficult and expensive matter.

The two main streets, Naya and Durgah Bazars, are kunkur metalled and have side drains covered with chabutras; the Nullah Bazar was laid with heavy paving about twenty years ago as the floods during the rains did much damage. The rest of the town is unpaved and more or less undrained by artificial means. Owing to the situation of the city the outfall is good and all surface water rapidly escapes. Consequent on the excessive overcrowding of the houses and the narrow lanes and gullies ventilation and perflation of air is very much impeded.

The city is divided into eight wards. The suburbs are much better off for streets, and there is far less overcrowding of lanes and houses, and consequently better ventilation and perflation of air.

The suburbs are divided into two wards.



An ordinary house in the city, of a well-to-do citizen or of a householder with a moderate income presents, the following features:--the house may be of two or three stories: on the ground-floor an open courtyard, generally of small dimensions, is surrounded by small, dark, ill-ventilated rooms; on this floor also, as a rule, one or two privies are built into the house; these lower rooms are frequently occupied by cows and goats, the family living in the upper stories; if facing a street, they are often let to shop-keepers; one or more drains traverse the courtyard and are there to carry off sullage and other dirty water. These drains are, as a rule, so badly constructed that they permit free percolation of water into the surrounding soil, as well as stagnation of putrid water; they lead to a cesspool of masonry, which is frequently nothing more than a hole in the ground. Into this courtyard is thrown, or conducted from the upper stories, some or all of the waste water of the house, and the effluvia or unhealthy exhalations arising from such an arrangement can be imagined. In a large number of houses this waste water is got rid of by unglazed earthen pipes or tin pipes fixed to the outside walls, and ending in a moveable receptacle which, when full, is emptied into the municipal conservancy cart. These pipes are very defective and often leak and so allow the dirty water to soak into the walls.

The upper stories of the house are comprised of rooms of two kinds: they are small, and are either completely open on one side and so are a kind of enclosed and covered in verandah, or an ordinary room of four walls with doors and windows, the latter being unglazed and closed by small shutters. These are the living rooms; they are generally much too small and are badly ventilated; in large houses these rooms face inwards to the courtyard.

The house is built entirely of stone, and in the hot season is unpleasantly warm and in the winter abnormally cold. In some houses the upper story is tile-roofed, which permits of freer ventilation. The stair-cases of these houses are of stone, are very narrow and badly lighted. The chief defects in these houses are small rooms, insufficient lighting and ventilation, and a badly arranged system of getting rid of waste water.

The privies are emptied daily by private sweepers in most cases, and by municipal sweepers in others; these men take the night-soil to the nearest conservancy cart.

### FOREST.

In olden times the hills about Ajmere were probably covered with scrub jungle, and where the growth has been unmolested, as on the west side of the Nagpahar Hill, there are still some trees on the hill-side. With this exception, however, the Ajmere district was denuded of trees long before the commencement of British rule, and the Mahrattas are generally given the credit of the denudation. The parts of Merwara adjacent to Ajmere are described by Mr. Wilder, an eye-witness in 1819, as an "impenetrable jungle"; though now, except in the extreme south, where there is no local demand for wood and timber, and from whence carriage, till recently, was quite impracticable, Merwara is not much better off in this respect than Ajmere. The trees which existed could only have been scrub at the best, and the demands of the town of Beawar, of the Cantonment of Nasirabad, and for wood to burn lime for the tank embankments, joined to the absence of all attempts at replacing

what was destroyed, has left but few trees in any accessible part of the district, and wood of all kinds is exceedingly scarce and dear.

The following is taken from the Church Book, Nasirabad,—“The *Delhi Gazette* (of Agra) reprinting ‘A Plea for Tree Preservation in India,’ by Surgeon-Major William Curran, A. M. D., in its issue of 19th October 1877, has the following :—

“Mr. Baden Powell, in his able report on the Forest Department for 1872-73 pages 51 and 52, says—

“Denudation of forests has the most lamentable results. A good instance of this is afforded by the little British States of Ajmere and Merwara in Rajputana. \* \* \*

“The hills were formerly densely covered with thorny jungle and with *Boswellia* and *Acacia*. They were so densely covered in fact that the wood was cut down because it gave shelter to bands of robbers. Charcoal burners and others did the rest, and now nothing remains but bare hills. Hence droughts and desolation have followed. \* \* \*

Mr. Curran in a foot note quotes :—“Dr. Irvine as thinking that the growth of wood in the now bare hills of Ajmere would in time be highly beneficial to the health of the inhabitants, and he ascribes the excessive heat that prevails in that district to the destruction of forests that took place under the sway of the Mahrattas.”

“The General and Medical Topography of Ajmere, pages 63 and 75, by Dr. Irvine.”

The natural forest growth chiefly consists of the following trees and shrubs, *vis.*, *Saler* (*Boswellia Thurifera*), *Gol* (*Odina Wodier*), occupying the summits and upper slopes of the hills; *Dhankra* (*Anogeissus Pendula*), together with *Kalia* (*Albizia Odoratissima*) and *Khair* (*Acacia Catechu*), lower down on slopes with a gentle gradient; *Kamta* (*Acacia Rupestris*) at the base; and *Khejra* (*Prosopis Spicigera*), *Arinja* (*Acacia Leucophlœa*), *Nim* (*Melia Indica*), *D'ansan* (*Rhus Mysorensis*) and *Khairi* (*Dichrostachys Cinerea*) on the plains. The banks of most streams are fringed with *Dhak* (*Butea Grandosa*), *Jaman* (*Eugenia Jambolana*), *Keim* (*Nauclea Parvifolia*) and *Gular*. Of these trees *Dhankra* forms the best wood for fuel and charcoal, and also furnishes small timber for roofing huts; *Babul* (*Acacia Arabica*) generally grows near village lands, and large sized trees supply wood useful for building and agriculture. Exotic trees are difficult to rear and will only grow near wells or where they can be artificially irrigated; they are the *Farash* (*Tamarix Orientalis*), *Siris* (*Acacia Speciosa*), *Gular* (*Ficus Glomerata*), *Tamarind* (*Tamarindicus Indica*), *Mohwa* (*Bassia Latifolia*), *Mango* (*Mangifera Indica*), *Sisham* (*Dalbergia Sissoo*), the cork tree (*Millingtonia Hortensis*), *Chirria* (*Ponjamia Glabra*), *Grevillia Robusta* and *Eucalyptus*. None of these will grow on the hill slopes, and only thrive in good soil, while the necessity for irrigating the plants when young renders their nurture expensive.

The most common grasses are *Mung* (*Saccharum Sara*) growing on sandy soils, *Sairan* (*Ischoemum Saxum*), one of the best fodder grasses, *Surwala* (*Heteropogon Contortus*) or the spear grass, *Bhangta* (*Opluda Aristola*) and *Lanpla* (*Aristida Depressa*) an inferior grass.

In addition to the climatic advantages which are claimed as the results of forestation, the object of the Forest Department in Ajmere is also to form reserves of fuel and fodder and to afford pasture for village cattle in years of scarcity of fodder. Twenty-four tracts



aggregating an area of 89,178 acres or about 139 square miles have been taken up in Ajmere-Merwara. In the famine of 1891-92 grazing was allowed over all the forest reserves, and thousands of cattle, which would have otherwise perished, were saved.

### DRAINAGE.\*

The city of Ajmere is built on the slopes of the Taragarh hill and is thus provided with a natural surface drainage: the slope to the outer gates of the city is in places very steep, and in times of heavy rain the rush of water through the Madar Gate attains to a depth of two and three feet; other than these natural flushings, which only occur in the rains and then perhaps not more than four or five times to any great extent, there is no system of drainage; so that in Ajmere City, as in the great majority of Indian cities, the soil is daily and constantly polluted, and this has gone on since the city was built, and the soil is black, from the accumulations for centuries of decomposing and offensive matter. The surface water escapes by various channels which ultimately find their way to the Bisla tank, and the quality of the water of that tank can be imagined after an inspection of the city streets and lanes.

### WATER-SUPPLY.†

"There is no permanent supply in the wells of the district; they all depend upon the rainfall. In the Ajmere district, where the beds of the nullahs are sandy, a sufficient

\* *Foot-note*—By the Secretary to the Agent to the Governor General in Rajputana "There is no system of drainage."

The description given in pages 3 and 4 of the present crowded and ill-ventilated streets, the construction and arrangement of the maze of houses and court-yards, foully insanitary, are evidence that no useful system of drainage is possible without a re-construction of the city. The climate of Ajmere is intensely hot and rainless for nine or ten months of the year and affords no water-supply for flushing of drains.

During the rains the town is scoured out periodically about half a dozen times. This cleanses the surfaces of court-yards and the street side drains, most of the latter having a steep slope. The court-yards and the portions of houses set apart for latrine arrangements remain foul all the year round; the sun is the great disinfectant for nine or ten months of the year. I do not consider that the soil and buildings of the Ajmere City proper (*i.e.*, within its walls) can be improved by any system of drainage. A great deal could, however, be done by removing the city wall, which at present encloses back premises and obstructs perfusion of air, and by inducing people to remove outside into the suburbs. As buildings fall in they should not be rebuilt and all new construction, whether of balconies or houses within the town, should be entirely forbidden.

† *Water-supply*.—Budha Pushkar is the only lake which contained water during the famine of 1891-92. The water famine in Ajmere was then so severe that pipes were laid on to it and water was pumped up 300 feet over the ghat for a period of five months; the cost of pumping was very great, Rs. 4,000 to Rs. 5,000 monthly. The pipes used were those intended for the water-supply from the Foy Sagar. When the rains came and the Foy Sagar was ready, this special supply from Budha Pushkar ceased and the pipe system was taken up and relaid as part of the Foy Sagar scheme. It has been shown to be tolerably certain that in a drought similar to that of 1891-92 the Foy Sagar will fail, and recourse must be had again to Budha Pushkar.

Budha Pushkar, however, could only be used as a water famine assurance in occasional years, as the cost of pumping is at other times prohibitive. The Budha Pushkar water has been analysed and condemned. It shows, however, a better analysis than that of the Foy Sagar. The Foy Sagar supply must of necessity be the usual supply in ordinary years. It is at any rate much better in quality than the old supply from the Ana Sagar, and as it commands the city by gravitation, the daily cost of bringing it in is nominal. The leakage of the Foy Sagar might be utilised for the supply of the dhobies, cisterns. This, however, would involve pumping.

The Foy Sagar has as yet not filled and usually only collects one year's supply. In 1894 it did not rise during the rains.

The Ana Sagar is now so very shallow as to be of little use. It frequently dries up, and in so doing is very offensive.

D. JOSCELYNE, C.E.,  
*Supdg. Engr. & Secy, P. W. D.,*  
*Rajputana and Central India.*

*Dated Camp Newgong 3rd Feb., 1899.*



amount of water is absorbed during the rains to supply the wells on either bank ; but wells can only profitably be made within a short distance from the stream, and beyond that stretches unirrigated land to the base of the hills on either side. In Merwara, where the beds of the drainage channels are rocky and the slope of the country greater, the rainfall, if unarrested, rapidly flows off into Marwar and Meywar, and but little benefits the country, as the soil is shallow and unretentive of moisture. The configuration of the districts with a more or less rapid slope from the watershed, rendered it imperative to provide for the retention of the rainfall by artificial means, while the undulations of the ground and the gorges, through which the hill streams had worn a passage, rendered it practicable to retain the rainfall by a system of embankments.

“ The idea of such embankments was one which early presented itself to the minds of those conversant with the district. The Bisla tank was made by Bisal Deo Chauhan about the year 1050 A.D. ; his grandson Ana constructed the Ana Sagar. The tank at Ramsar was built by Ram Deo Pramari. In Merwara the large tanks of Dilwara, Kalinjar, Jowaja and Balad date from long before our rule. They are formed by a wide earthen embankment, generally faced on both sides with flat stones laid horizontally, and closing gorges in the hills. With ordinary care they will last as long as the hills which they unite, and their construction furnishes a substantial proof that before our rule the principles of subordination and co-operation were not unknown in Merwara.

“ The tank embankments of the district at present number 419, of which 168 are in Ajmere, 183 in the Beawar Tehsil, and 68 in the Todgarh Tehsil. They have been often described, and Colonel Dixon in his ‘Sketch of Merwara,’ Chapter XII *et sequitur*, has given a very full account of them.

“ With the exception of the few tanks constructed before 1818, and seven tanks built by Colonel Hall in Merwara, the remainder owe their existence to the unaided and untiring energy of one man who ruled Merwara from 1836 to 1842, and the united districts from 1842 to 1857, when he died at Beawar. The name of Colonel Dixon will be remembered in Ajmere and Merwara for many generations. For years he worked steadily at this single object without help or sympathy, and without much encouragement ; for, until the works were completed, they attracted but little attention, and the district was too remote to allow of the Government of the North-Western Provinces taking at first an intelligent interest in the work. With such help as his Tehsildars and a few trained chaprassies could give, Colonel Dixon constructed all these works, and it was only in 1853, when the tanks had been completed, that the appointment of an uncovenanted European Assistant was sanctioned. Nothing worthy of note was done after Colonel Dixon’s death till the establishment of the Ajmere Irrigation Division of Public Works in the beginning of 1869. The tank which was constructed in 1870-72 at the Jagir Village of Bir is a fine example of the best class of masonry dam.

“ Colonel Dixon was of opinion that the tanks had raised the water level of the country, and there is no doubt that subsequently to their construction wells were made in many

places where the experiment had been tried and proved unsuccessful. The opinion of a Committee assembled in 1874 to discuss the subject of water revenue assessment was that about half the wells in the district owed their supply to filtration from the tanks. Major Lloyd, Deputy Commissioner, writing in 1860, was of opinion that from the moisture preserved in the soil, and the great increase of vegetation they have helped to create, the reservoirs have been to some extent instrumental in causing the increased supply of rain which has been measured in the last few years.

“ Nearly all the tanks are dry by the month of March, and the beds of the majority are cultivated for a spring crop. There is hardly any produce from the reservoirs themselves. Waternuts are not grown, fish are caught in the Ana Sagar and in the Ramsar and Nearan tanks ; but the people do not eat fish, and it is only in the Ana Sagar and the sacred lake of Pushkar that fish permanently exist, while religious prejudice prevents their being killed in the latter lake.

“ Besides the artificial reservoirs, there are four natural reservoirs in the district, which, in less dry countries, would hardly deserve mention. These are the sacred lake of Pushkar and the lake known as old or Budha Pushkar near the former. Both are depressions among sand hills without any outlet, but exercise a considerable influence by percolation through the sand hills on the low sandy bottoms in their vicinity. In Merwara there are two natural basins, that of Sargaon and that of Karantia, both near Beawar. A passage for the escape of the water of the former has been cut through the encircling sand hills, and the bed is now regularly cultivated for the spring crop. That of Karantia lies amongst hills, and is of no use for irrigation.”

The above is taken from Mr. La Touche's report on the Settlement of the Ajmere and Merwara Districts, published in 1875. The following is made up from notes very kindly supplied to me by Major E. C. Spilsbury, R.E., Public Works Department, Ajmere, and from notes on the sanitation of Ajmere by Mr. D. Joscelyne, C.E.

The number of tanks of the first class which are repaired by Government is as follows :—

Ajmere	.	.	.	.	.	.	.	.	119
Merwara	.	.	.	.	.	.	.	.	239
									<hr/>
TOTAL								.	358
									<hr/>

And the great difference in numbers between the two is due to the fact that in Ajmere there are a very large number of tanks on private estates, whereas in Merwara there are few or none of this class.

All the above are irrigation tanks and those in the vicinity of villages and towns, both influence the wells in their neighbourhood, and themselves form a source of supply of drinking water as long as water remains in them.

The greater number of these tanks become dry in the hot season as they, as a rule, are too shallow to last from one rainy season to the next, nor is the rainfall sufficiently large to ensure their being filled every year. After drying up their beds are cultivated.

The following are some details of a number of the principal irrigation tanks :—

Name.		Capacity in million cubic feet.	Water spread in million cubic feet.	Greatest depth when full above sluice.	Clear catchment area in square miles.
AJMERE SUB-COLLECTORATE.	{ Kair . . . .	250	50	15	23
	{ Khanpura . . . .	53	12	11	16½
	{ Ladpura . . . .	87	14	10	7
	{ Tabiji . . . .	43	10	15	3
NASIRABAD SUB-COLLECTORATE.	{ Ramsar . . . .	312	55	12	20
	{ Bir . . . .	125	14	29	8
	{ Rajasir . . . .	43	45	26	2½
	{ Baroli (new) . . . .	136	20	12	20
MERWARA . . . .	{ Balad . . . .	224	27	18	13
	{ Jalia . . . .	378	46	13	5
	{ Chitar . . . .	61	21	17½	2½



## AJMERE CITY.

Apart from the supply of water got from wells in the city and suburbs, Ajmere City depends solely on two tanks for its drinking water, *viz.*, Foy Sagar and Ana Sagar. The former was constructed in 1891-92 and the latter by Ana, grandson of Bisal Deo Chauhan some time in the twelfth century. The Foy Sagar is the more important of the two tanks as it supplies the city with drinking water. The Ana Sagar, which formerly supplied drinking water to the city, is now almost entirely used for other purposes, such as irrigation, water for dhobies' ghats, etc. In years of scanty rainfall, which happen in Ajmere more or less regularly every three years, these tanks run very low. The Ana Sagar sometimes dries up completely, and the Foy Sagar since 1892 has been very low, so that it is highly probable that some time or other these sources of water will fail, and then some other supply must be looked for. It is believed that such a source exists at Budha Pushkar, where there is a natural tank of water which has never been known to go dry. This tank is 6 miles distant from Ajmere, and water was brought to the city from this tank by means of water pipes and pumping machinery in 1892. This arrangement, which will doubtless have to be made permanent in the near future, will be utilized in times of water famine and when the Ana and Foy Sagars are exhausted. The Foy Sagar Reservoir is situated about 3 miles from Ajmere and was constructed during the famine of 1891-92, and opened in 1892,—the cost of construction and compensation for land taken up was Rs. 1,07,000, to which should be added Rs. 92,000, for the pipe line which was previously used for bringing water from Budha Pushkar to Ajmere.

The annual cost of maintenance, repairs, etc., to the tank, and of the whole system of water-supply including that of the Ana Sagar, amounts to Rs. 2,500; the following figures refer to the size and capacity of the Foy Sagar :—

Capacity when full—150 mill. cubic feet.

Greatest water spread—14 mill. square feet.

Depth above sluice when full—24 feet.

Catchment area—8 square miles.

Of which half a square mile is taken up by the lake when full.

Of the catchment area :—

$1\frac{3}{4}$  square miles consists of conserved forest area.

$1\frac{3}{8}$  „ are under cultivation.

$4\frac{3}{8}$  „ are ordinary jungle, mostly rocky.

There are two villages, Ajera and Kharekri, within two and three miles, respectively, of the nearest point of the tank.

The tank is almost entirely surrounded by cultivated land, which not only intercepts the flow off, but leads to pollution of the water; there is also a fair amount of traffic over the catchment area to and from the villages, so that on the whole the catchment area is by



# THE CITY AND ENVIRONS OF AJMERE

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## REFERENCES.

Urinal,..... shown thus .....  
 Latrine,..... ,, .....  
 Pipe,..... ,, .....  
 Stand post,..... ,, .....  
 Wells,..... ,, .....  
 Foul water cistern,..... ,, .....

Scale 6 Inches = 1 Mile.









no means as uncontaminated as it should be. No villages, or road traffic, or cultivation of any kind should be allowed within the catchment area of this tank.

The water of the tank has been chemically analysed every month since December 1895, and is reported as unfit for potable purposes. This is because of the amount of albuminoid ammonia which it contains, and which may be due to decomposed vegetable matter within the catchment area, and which, as time goes on, may decrease.

The consumption for 1895 averaged 240,000 gallons per diem, and varied from 180,000 in January to 344,000 gallons in May. This included all water conveyed by the pipe for all purposes, including the railway. The Foy Sagar is calculated to contain, when full, a two years' supply of water, as used at present. There are two small filter tanks from which the water is conveyed to the town for distribution. They are utterly inadequate, and do not materially influence the purity of the water.

There are 124 public hydrants distributed throughout the city and station and 85 private house connections.

**THE ANA SAGAR TANK.**—This tank is now only used for irrigation purposes, and to supply the dhobies' ghats in the Bisla and for bathing purposes. Dhobies are not permitted to use the tank for washing purposes.

As the Foy Sagar now intercepts a large proportion of water, which previous to 1892 found its way into this tank, the Ana Sagar will not contain so much water or fill so often as formerly.

There is one other tank in Ajmere which calls for special notice, *viz.*, the Bisla, and the great importance of this tank is attached to the question as to whether it should remain empty or be allowed to hold water.

The best account of the history of this tank is to be found in Mr. D. Joscelyne's notes on the sanitation of Ajmere, and as this question of the advisability or otherwise of closing or opening the sluice of the Bisla has acquired the habit of being brought forward periodically, it is very necessary that the facts recorded by Mr. Joscelyne should not be lost sight of. This Bisla tank is probably one of the oldest, if not the oldest tank in Ajmere, and in Mr. LaTouche's Report on the Settlement of Ajmere and Merwara Districts it is recorded that the Bisla tank was made by Bisla Deo Chauhan about the year 1050 A.D. It lies in the direct water outlet of the valley in which the City of Ajmere is built, and was doubtless when first constructed, a very large and useful tank on which the city people depended for their tank water. Since the Bisla was built the Ana Sagar and the Foy Sagar have been constructed, and they intercept and retain a very large proportion of the water which comes from the open country and from the least contaminated sources. One source which is greatly contaminated, and the water of which it is no exaggeration to describe as sewage, still supplies the Bisla with water, and this source is the area to the north-east of Taragarh and which includes the greater part of the city of Ajmere; and when one remembers what the sanitary condition of an Indian city like Ajmere is, with a population of 69,000, and which until 1875 was not possessed of any system worthy of the name of sanitation, it is not to be

wondered at that surface water coming from such a source should be so contaminated. Any one wishing for ocular and nasal demonstrations of the condition of the water flowing from the city to the Bisla, should stand near the current as it sweeps along at the beginning of the rains.

Here follows what Mr. Joscelyne says in his "Notes" above referred to:—

"The cutting of the Bisla tank being a matter of great importance in its effects upon the drainage of the valley deserves careful consideration. Prior to 1883, the lower parts of the valley suffered considerably from excess of moisture. I lived in Ajmere from 1873 to 1875, and well remember that water could then be found in the centre of the valley quite close to the surface. The records show that as far back as 1872 great efforts were made to improve the drainage of the valley. Major Williams, who was then Irrigation Engineer at Ajmere, was called upon for a scheme, and he strongly advocated the necessity for cutting the Bisla as the only efficient remedy. As, however, the Bisla Tank was at that time the chief resort for dhobies, bathers, and cattle, this measure was strongly opposed by the Municipal Committee. As a temporary expedient, a fairly deep drain was cut down the centre of the valley from the Dowlat Bagh to the Bisla tank, at an estimated cost of about Rs. 7,000. This was an improvement, but until the Bisla tank was drained in 1883, the centre of the valley was very much water-logged.

"The map shows that the water spread of the Bisla tank occupies the very heart of the valley. The dam being constructed across the valley, this tank receives nearly the entire drainage of the Ajmere City and Suburbs. It will be readily understood that the water thus collected was of a foul description, and only fit for irrigation. For several months after the rains, and especially during the months of still hot air (September and October and part of November), this large pool of foul stagnant water gave out unwholesome exhalations as well as unpleasant odours while drying up. As the suburbs of Ajmere extended, this tank became surrounded by dwelling houses occupied chiefly by the Railway officers and employés. The tank then became such an intolerable nuisance that in August 1883 a Special Committee was convened by the Assistant Commissioner to report upon it. The President was Major O. M. Creagh, Commanding Officer of the Merwara Battalion; and the members were Doctor Newman, Civil Surgeon of Ajmere, Doctor Willmot, Surgeon, Rajputana-Malwa State Railway, C. Target, Esq., Executive Engineer, Ajmere Provincial Division, and Campbell Thomson, Esq., Executive Engineer, Rajputana-Malwa State Railway. The opinions of four Medical Officers were taken, *viz.* :—

Dr. Willmot, Principal Medical Officer, Rajputana-Malwa State Railway.

Dr. Newman, Civil Surgeon of Ajmere.

Dr. Husband, Medical Missionary.

Mr. Pierce, Apothecary, Rajputana-Malwa Railway.

"Their opinions (attached to this report as Appendix B) unanimously condemned the tank and recorded the necessity for draining it in order to render the adjacent dwellings safe for habitation. Dr. Newman adds in his report: 'I think it also affects the ground between the Bisla and the Ana Sagar by forcing back the sub-soil water and keeping



the ground damp. The sites near have always been considered unhealthy and were avoided until pressure of space obliged people to build there.' These opinions were given on oath before the Assistant Commissioner. The Special Committee were unanimously of opinion that, both for sanitary and engineering reasons, this lake should be drained at once before more rain falls. These proceedings were forwarded to the Local Administration and also a resolution of the Municipal Committee, to drain the lake. The escape was cut, I believe, as an urgent measure, in anticipation of the sanction of the Chief Commissioner, which was subsequently received. The tank has thus remained dry since August 1883. From complaints which have reached me on every hand during the past four years, I learn that the cutting of the Bisla is considered to have injuriously affected the well level throughout the valley. Unfortunately I have no recorded data of well levels prior to 1883 to afford a fair comparison with subsequent levels. There is only a record of wells at the close of the rains in 1882."

"As many persons seem desirous of rebuilding the Bisla dam in the hope of improving the water-supply, I have thought it necessary to record its history. The tank was formerly used, as most tanks are, for bathing, watering cattle, washing and dyeing of clothes, for irrigation, and for drinking purposes. If it be restored, it will certainly be so used again. The new masonry cisterns in the Bisla meet all the wants of the dhobies, and the cattle trough also meets the question of watering of cattle. These and the new bathing ghats will be described subsequently in the report. I do not see how any sanitary engineer could recommend the restoration of the Bisla. It has been suggested that foul drainage from the town should be diverted, so as not to flow into the tank, and that only fairly clean water from the eastern side of the valley, and the occasional overflow from the Ana Sagar ake, be stored in it. In my opinion this proposal, though possible, is infeasible. The land to the west above the Bisla is so crowded by buildings, and the railway premises that a diversion channel could never be sanctioned, and even if carried out, the Bisla supply thus limited would be insignificant."

The danger of this tank, when allowed to hold water, to the city and cantonments of Ajmere, after a careful consideration of the foregoing facts, cannot be questioned; and the only reasons which can be adduced in favour of allowing it to hold water, are, that wells in its vicinity are more liable to go dry, and that some land near the area of the tank is less productive; these reasons are trivial and insufficient when compared with what happens when the bund is intact and liquid sewage is allowed to flow into the area of the tank, namely—water-logging the land above the tank and up to the Dowlat Bagh, and the dangerous menace to the health of those living on and in the vicinity of that land.\*

The following table shows the analysis of all the principal sources of drinking waters used in Ajmere.

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\* In this opinion I fully concur after 26 years' knowledge of Ajmere.—T. H. HENDLEY.

*Statement showing the results obtained on examination of certain samples of water by the Chemical Analyser.*

NAME OF WELL OR WATER.	GRAINS PER GALLON.		AMMONIA RESULTS, PARTS PER MILLION.		REMARKS.
	Solids.	Cholo-rine.	Free.	Albumi-noid.	
In pure, wholesome drinking water ought not to exceed.	8'0	1'0	'02	'08	See the Officiating Civil Surgeon, Ajmere's No. 344, dated 24th June 1884.
In usable water ought not to exceed .	30'0	3'0	'05	'10	
Samples sent on 26th May 1884.					
A. Ana Sagar lake water (Filtered) .	76'3	22'05	'59	1'70	} Both are quite unfit for potable water. See the Chemical Analyser to Government, Bombay's No. 529, dated 14th June 1884.
B. Ditto (Unfiltered) .	74'2	22'40	1'39	1'80	
Samples sent on 10th December 1887.					
A. Ana Sagar lake water from Bathing ghat, unfiltered (Ram Prasad's).	30'10	8'26	'02	1'04	} Unfit for potable use. See the Chemical Analyser to Government, Bombay's No. 1267, dated 27th December 1887.
B. Do. opposite Weir do. .	28'00	8'33	'02	1'22	
C. Do. old Dhobies' Ghat do. .	28'70	8'26	'02	1'24	
Samples sent on 21st December 1887.					
1. Bhatyara Kua . . . . .	43'40	6'58	6'66	'46	} Quite unfit for potable purposes. Ditto, Doubtful quality. Quite unfit for potable purposes. Not quite so good as No. 7. Quite unfit for potable purposes. Good potable water. See the Chemical Analyser to Government, Bombay's No. 18, dated 9th January 1888.
2. Katun Baori . . . . .	27'30	1'82	'48	'35	
3. Jhalra . . . . .	46'90	5'60	'02	'23	
4. Shuker Kui . . . . .	72'80	21'28	'21	'29	
5. Diggi . . . . .	21'00	3'36	'02	'17	
6. Dhudia Kua . . . . .	59'50	15'54	'21	'28	
7. Shorgaron ka-Kua . . . . .	30'10	4'90	'02	'10	
Samples sent on 11th October 1886.					
Madar Hill Well No. 11 . . . . .	11'00	1'75	} Traces only. }	'14	} All these waters contain too much organic matter as the amount of albuminoid ammonia shows. The water from Madar Hill is not so bad as the others, and might be used for drinking, if no better can be obtained. See the Chemical Analyser, N.-W. P.'s No. 345, dated 15th October 1886.
Mir Shah Ali Well No. 24 . . . . .	15'00	4'90		'18	
Regimental Garden Well No. 3 . . . . .	20'00	50'70		'26	
Samples sent in August 1886.					
Pratab Mall's Well No. 22 . . . . .	170'00	43'80	1'30	2'10	Quite unfit for drinking water. See the Chemical Analyser, N.-W. P.'s No. 230 of 18th August 1886.
Analysed on 26th September 1896.					
Foy Sagar water from City Hydrant .	14'0	2'1	'05	'36	Unfit for potable purposes.

See the Chemical Analyser to Government, Bombay's No. 18, dated 9th January 1888.

## SANITATION.

The following is taken from "Notes on the Sanitation of Ajmere," by D. Joscelyne, Esq., C.E., 1888, which is a very valuable contribution to the subject, and should be carefully consulted when improvements or alterations in the sanitation of Ajmere are contemplated :—

"The Conservancy of Ajmere has been a very troublesome question for many years past, and the records shew that the local authorities have, since 1876, perseveringly endeavoured to improve the state of the town and valley. The collection of night soil in the city has always been in the hands of sweepers, who are employed and irregularly paid by private individuals in the town. This system has never been controllable, and is as objectionable now as it has always been. The cleansing of the outskirts of the city and suburbs and the houses of the poorer classes, is mainly undertaken by the municipal conservancy staff; private sweepers also do some of the work. The disposal of the stuff for years baffled the ingenuity of the municipality. The new tramway system opened in May 1886, at a cost of Rs. 84,000, solved this part of the problem. Prior to 1876 night soil was trenched in open places in and about the city, and upon the fields in the valley. In 1876 it was trenched in a confined area above the north-west of the town, before referred to as the "Lungya." The drainage from the hills passes over this site, and there are drinking wells below it. This place soon became filled up, and the practice of removing the night soil to trenches and pits near the city continued up to the time the tramway was opened, though latterly much was carried 3 miles away on the Nasirabad road. The cart system quite broke down, and trenching in the valley, as the Suburbs extended, became a serious nuisance. With the present tramway system the difficulties of carriage and of a suitable and sufficient trenching site disappeared. If the collection was equally well done there would be little to complain of in the present conservancy establishment. The collection is performed, in the case of private houses and private latrines, entirely by a class of men known as "Birat" sweepers, who are in the pay of the tenants and householders. The public latrines and urinals are cleared by the special municipal staff. "Birat" sweepers are a hereditary class who have always undertaken this work for private individuals. They are in no particular employ, but receive remuneration, more or less gratuitous, chiefly in kind, sometimes in small sums of money. The advantages of the Birat system of collection are :—

1. Its cheapness. The municipality would have to pay heavily for a similar staff of regular workers.
2. These time-honoured servants can obtain access to private dwellings more readily than the paid servants of a municipality.
3. It is, in an imperfect way, controllable by the people who are benefited, and whose interest it is to have their places cleaned.
4. The people benefited pay for it, and the payment being mostly in kind, falls very lightly upon them.



It disadvantages are evident :—

1. The Birat of each family of sweepers is so scattered and the work is so unequally divided that it cannot possibly be effectually done. Some Birats are much more valuable than others, and the hereditary owners of these naturally will admit no one to share in their "Birats" if they can possibly avoid it. One Birat family has as many as 705 houses in wards 3, 5, and 6, another has 259 houses in wards 1, 2, 3, 4, 5 and 6, and one has as few as 10 houses to look after.

2. It follows from the above that the municipality has very little control over these men. The sweepers object to employ extra labour to do the work of a too large Birat, and the householders say they pay as much as they can afford. Of course, complaints are rarely made, as they might lead to investigation of private premises, a thing which is disliked of all others, so that residents accept their discomforts, and are at the mercy of these men. The payment in kind or in money to the owners of Birats is so indefinite and irregular, and due from so many persons, that there is practically no individual control over the sweepers nor over those who ought to pay them.

3. The Birats are so entangled that it is very difficult to trace neglect to the party in fault."\*

From a note written by the Judicial Assistant Commissioner, Munshi Ameer Chand, in May 1877, I quote the following particulars :—

"At that time one-fourth of the houses had no Birat sweepers at all, and the wages of each sweeper was estimated in kind and in money to average about Rs. 4 or Rs. 5 per month. The number of sweepers were then estimated at 280, and the aggregate incomes at Rs. 16,800 annually. I have no reliable estimate of the numbers of sweepers at present. The list attached shews 97 sweeper families (or say about 300 persons), the income per family per month varying from two annas three pies up to Rs. 21-7-2, plus *chuppaties*, etc., in kind. Many of the poorer houses employ no sweeper at all, and there is little doubt that householders are as apt to shirk their payments to the sweepers as the latter are to shirk their work. The sweepers live far from their work on the outskirts of the city. At present the smaller streets and back premises in the city are very much neglected, and I have received many complaints during my inspections. I regard the present system as impossible of control by any staff of Inspectors or conservancy peons.

"A sweeper has occasionally been prosecuted, with the result that the Honorary Magistrate either acquits him or imposes a nominal fine, which is too readily paid. The householders, who keep their premises filthy and neglect their debts to the sweepers, are rarely, I might say never, prosecuted, and get off scot-free.

"It is only just to the conservancy staff to add that, since the opening of the tramway in 1886, more scavenging has been done. The Birat sweepers take their loads in baskets or on bullocks to the collecting station of the tramway, and there deposit them into the wagons. As a register is kept of the wagons filled, and no night soil is allowed to go elsewhere, there is thus a rough check upon collection. Baskets and bullocks are not good means of carriage, but most of the streets are so steep, narrow and irregular, that no other

\* The Birat system prevails in the great native capitals throughout Rajputana, and presents similar advantages and disadvantages.—T. H. H.



way seems possible. It is very desirable that as the city extends towards and in the Kaisarganj, the Birat system should be either discontinued or regulated. Without the city there are about 100 sweepers, partly Birat and partly private men, who are paid by house and hut residents. I would suggest that the matter be thoroughly investigated, with a view to effecting a redistribution of the "Birats" and placing the men directly under the control of the municipality. Nothing short of this will be of any use. Payment might be made by the persons benefited as before, but if this cannot be reasonably controlled and enforced, so as to do justice to the sweeper class, it will be necessary for the municipality to take over the entire staff. This may or may not involve the purchase of the "Birats" and their redistribution by resale in workable divisions. A fair charge could be realised from owners of private latrines and cesspools, who would pay for their privilege. A small tax, averaging Rs. 2 per year per latrine and cesspool (or three annas a month), would more than suffice. With the present unreasonable system, neither the owners of house nor the sweepers can justly be called to account or controlled. The disposal of night-soil from the city, suburbs and railway is carried out through the agency of the new conservancy tramway with the following exceptions :—

1. Ajmere jail to do their own trenching near the jail.
2. Merwara Battalion Lines to do their own trenching near the Lines.
3. Mayo College Park to do their own trenching near the Park.
4. The 1,600 to 2,000 huts near the railway and in the valley have no conservancy arrangements.

The chief advantages of the tramway system are :—

- (a) The night-soil is removed to one place, at a safe distance from the city and valley.
- (b) The collection being at one place, the total daily work done is known, and easily supervised.
- (c) It is prompt and cleanly.
- (d) The trenching ground will eventually become a valuable property.

"Carts bring their loads in a removable body to the collecting station, where the body is transferred to the wagon frames on the tramway. Birat sweepers and bullocks also bring their loads direct to the tramway wagons. Trains of nine wagons each are taken down the line to the trenching ground by one pair of bullocks; the 'bodies' of the wagons are tipped into trenches, and the wagons returned to the collecting station by the same bullock power. Each wagon receptacle contains 18 to 20 cubic feet of stuff. With the present system of basket and bullock removal of night-soil from otherwise inaccessible premises in the city, it is unavoidable that a very great deal more material has to be carried by the tramway than would be the case if carts could traverse the streets and be filled direct. Ashes and sweepings are necessary to render this method of carriage possible, and probably three or four times the actual quantity of night-soil has to be

removed. This probably is counterbalanced by the lessened quantity of liquid carried away, as by the absence of urinal accommodation, and the wretched condition of private latrines and cesspools, a large residue goes into the soil of the town. The quantity is, however, increased by bathing and washing water. At present 1,350 cubic feet of solid and 900 cubic feet of liquids are daily carried away by the tramway. This compares favourably with the old cart system, when some 60 carts only were employed, and did perhaps half of this work without removing the night-soil to a safe distance from the City. The tramway has now been at work without intermission for nearly two years, and has never failed in its work. For some time the work increased, necessitating extra carts and rolling stock. The present daily average of 125 wagon loads was reached about eight months ago. A few more wagons under frames are required to facilitate removal to the trenching ground. For removal to the trenching ground by the tramway system, the residents in private houses in the suburbs pay 5 per cent. on their rental, in addition to their private sweeper establishment. The house owners of the city get the tramway for nothing; they only pay for their private arrangements of Birat sweepers for collection. Many persons, perhaps one-half of the town, pay nothing whatever for either collection or disposal."

The following is the conservancy staff employed by the municipality (1896):—

1 Inspector.

2 Sub-Inspectors—1 for City and 1 for the Suburbs and Railway.

4 Jemadars—2 for the City and 2 for the Suburbs and Railway.

20 Peons—2 of whom feed conservancy bullocks, 3 are orderly peons and 15 look after a staff of 581 sweepers, *viz.*, 500 Birat and 81 Municipal.

81 Sweepers—58 for 34 public latrines, 12 for urinals and 11 for roads.

5 Bhishties—4 of whom supply water for washing out the latrines and urinals, and 1 for watering the bullocks.

37 Cartmen—of whom 22 are for the public latrines and urinals and for private houses and 15 for road sweepings.

Since Mr. Joscelyne's notes were written in 1888, the following sanitary improvements have been carried out:—

1. The City moat has been entirely filled in with earth, road sweepings, etc., and is being planted with trees.

2. The Masuda tank is being filled up with road sweepings, and the work will be completed in about two years.

3. The Malusar tank water is not now used for drinking water.

4. The Lungia tank is now drained and the tank is not allowed to store water.

5. The public urinals have been increased from 17 to 38 in the city, and from 3 to 6 in the suburbs, but more are still required.

The public latrines are as before. Since Mr. Joscelyne drew up his notes, private latrines in the city and suburbs have been much improved. All new latrines are better designed and built. No register is kept to show the exact number of latrines.

6. A large number of small cesspools have been removed, and no new cesspool is now permitted under the wall drain pipes below the ground level.

All sullage and liquid sewage is now collected in tubs or iron vessels placed under the drain pipes and the ground polluted as little as possible.

Earthen and tin pipes are discouraged, and iron drainage wall pipes substituted.

7. All tanneries have been removed outside the city.

8. Portions of the city wall have fallen and have not been replaced; other portions have been removed.

9. Many large collections of huts have been removed, and new colonies discouraged.

10. The Birat system is given up in some mohullas and the scavenging is done by the municipality, an arrangement which has given great satisfaction.

11. The introduction of drinking water from a distance from the Foy Sagar, in 1892, by pipes to all the principal streets, and to many private houses, is also intimately connected with late sanitary improvements.

If a comprehensive system of city conservancy could be instituted, which would bring every sweeper, "Birat" or other, directly under the municipality, great good would ensue; and no other plan will be successful which does not place all sweepers entirely under efficient supervision and control.

#### SLAUGHTER-HOUSES.

There is only one slaughter-house for sheep and goats, and this is outside the city near the Delhi Gate. The slaughter-house is under the supervision of an Inspector.

There is a prohibition against killing beef in Ajmere. It can be got from Nasirabad, where it is provided for the English regiment stationed there.

#### MARKETS AND FOOD.

Meat is sold in many of the main streets of the city and suburbs, and in the Kaiser Ganj division is a properly built meat market. It is proposed to build another market in Cavendishpura.

There is no proper fruit and vegetable market in the city, vendors using the streets for selling these articles of food. There are shops constituting a sort of market near the Madar Gate. A properly built vegetable and fruit market would be a great benefit to the city, and the municipality have proposals under consideration for building a suitable market.

Grain is sold all over the city in small shops, and the great market for grain of all kinds is the Dhan Mundi.



The following table shows the average prices of food-grains sold in Ajmere from 1818 to 1895:—

*Price of food-grain in Ajmere from 1818 to 1895.*

YEAR.	SEERS PER RUPEE.			Years of famine or scarcity.
	Wheat.	Barley.	Maize.	
1818 . . . .	14	22	22	Scarcity.
1819 . . . .	15	26	27	
1820 . . . .	13	21	24	
1821 . . . .	16	22	28	
1822 . . . .	21	30	36	
1823 . . . .	21	38	46	
1824 . . . .	20	35	36	
1825 . . . .	17	21	21	
1826 . . . .	21	29	29	
1827 . . . .	25	42	49	
1828 . . . .	27	52	69	
1829 . . . .	25	45	51	
1830 . . . .	26	39	44	
1831 . . . .	26	38	39	
1832 . . . .	32	55	68	
1833 . . . .	25	38	35	
1834 . . . .	12	18	19	Scarcity.
1835 . . . .	17	29	33	
1836 . . . .	22	33	33	
1837 . . . .	22	29	32	
1838 . . . .	18	24	23	
1839 . . . .	17	23	24	

*Price of food-grain in Ajmere from 1818 to 1895—contd.*

YEAR.	SEERS PER RUPEE.			Years of famine or scarcity.
	Wheat.	Barley.	Maize.	
1840 . . . .	11	20	22	Scarcity.
1841 . . . .	15	25	26	
1842 . . . .	19½	25	30	
1843 . . . .	20	28	28	
1844 . . . .	18½	28	28	
1845 . . . .	18	28	28	
1846 . . . .	19	28	30	
1847 . . . .	19	26	30	
1848 . . . .	14	19	22	
1849 . . . .	14	19	23	
1850 . . . .	18	22	28	
1851 . . . .	21	29	29	
1852 . . . .	22	33	34	
1853 . . . .	24	33	33	
1854 . . . .	27	30	31	
1855 . . . .	24	35	35	
1856 . . . .	24	38	38	
1857 . . . .	26	39	26	
1858 . . . .	27	42	38	
1859 . . . .	24	34	33	
1860 . . . .	18	28	25	
1861 . . . .	17	21	21	
1862 . . . .	14	23	20	
1863 . . . .	14	20	17	Scarcity.

*Price of food-grain in Ajmere from 1818 to 1895—contd.*

YEAR.	SEERS PER RUPEE.			Years of famine or scarcity.
	Wheat.	Barley.	Maize.	
1864 . . . .	14	22	19	
1865 . . . .	11	19	18	
1866 . . . .	12	17	16	Scarcity.
1867 . . . .	13	20	18	Scarcity.
1868 . . . .	13	18	16	Scarcity.
1869 . . . .	6	8	6	Famine.
1870 . . . .	9	15	15	Scarcity.
1871 . . . .	13	21	20	
1872 . . . .	15	25	26	
1873 . . . .	14	22	22	
1874 . . . .	13	17	15	
1875 . . . .	16	23	22	
1876 . . . .	19	29	30	
1877 . . . .	16	24	25	
1878 . . . .	10	15	13	Scarcity.
1879 . . . .	11	18	16	Scarcity.
1880 . . . .	15	24	24	
1881 . . . .	16	25	26	
1882 . . . .	16	23	22	
1883 . . . .	15	23	21	
1884 . . . .	16	23	24	
1885 . . . .	19	28	30	
1886 . . . .	16	28	29	
1887 . . . .	11	19	20	Scarcity.



*Price of food-grain in Ajmere from 1818 to 1895—concl'd.*

YEAE.	SEERS PER RUPEE.			Years of famine or scarcity.
	Wheat.	Barley.	Maize.	
1888 . . . .	12	16	14	Scarcity.
1889 . . . .	14	19	19	
1890 . . . .	14	19	21	
1891 . . . .	11	16	16	Famine.
1892 . . . .	11	17	17	Scarcity.
1893 . . . .	13	22	25	
1894 . . . .	14	27	27	
1895 . . . .	13	22	21	

## LIGHTING AND DISPOSAL OF THE DEAD.

## LIGHTING.

All the principal streets, lanes, and roads of the city and suburbs are lighted by oil lamps. There are about 400 lamps in all.

## DISPOSAL OF THE DEAD.

There are two grave-yards for Europeans, Eurasians and Native Christians. They are some distance from the city and habitations, and are under the supervision of the Chaplain. The Muhmamadan grave-yards are on all sides of the city; most of them are close to the inhabited portions of the city, and are very objectionable. The question of removal to other and more favourable sites is taken up by the municipality on every available opportunity. The burning-places of the Hindus are at Unda Bala near the Somalpore road to the south of the city, and the other is at Lungia near the Pushkar road. These places are well situated.

## SANITARY IMPROVEMENTS IN AJMERE CITY.

Between 1870 and 1880 repeated and continued attempts were made to secure a satisfactory disposal of city refuse, which at first was simply buried in pits at different times (the exact date not being available). Trenching was tried, and the removal of sewage to a distance, where it was stocked and covered with a thick layer of earth, in the expectation that after a time it would be purchased, when desiccated, by gardeners. These plans having failed for various reasons, it became necessary, as the only means by which to meet the difficulty of keeping the continually enlarging city clean, to provide a tramway service for

the removal of sewage. Before the actual construction of the tramway some changes were made which require notice, *viz.* :—

In 1883, the Bisla Tank, which was considered to be the cause of a large area of swampy marsh in the middle of the station, and to prevent thorough drainage, was abolished, and a large reduction in the number of cases of malarious fevers followed. In this year a scheme to supply the city with filtered water from the Ana Sagar lake, distributed by pipes, having been adopted, the necessary works were begun.

In 1885, the laying of a tramway from the city to a trenching ground three miles distant was commenced.

In 1886, the tramway, having been completed, was brought into use, and has since worked very successfully.

In 1887, the washing of clothes in the Ana Sagar lake having been prohibited, ghats and tanks for the use of the washermen were erected at a distance and connected by pipes with the Ana Sagar lake.

In 1888, all tanneries which existed within the city walls were removed to a position outside, and no offensive trades are now permitted inside the town.

In 1889, to obviate the nuisance and danger resulting from the common use of masonry cesspools existing in nearly every house, the use of these was proscribed, and the substitution of removable iron receptacles ordered, and in a very large proportion of cases effected.

In this year the water-supply works were finished and brought into operation.

In 1890, the city latrines were reconstructed on improved principles, and a number of huts existing under insanitary conditions were removed.

In 1891, the Foy Sagar scheme, to still further secure a larger supply of purer water, was sanctioned, and was afterwards completed, and is now the main source of water-supply to the city. A plan for the erection of model quarters for a large number of work-people was passed.

In 1892, filth carts were not allowed to traverse the main roads. The main drains of Kaisar Ganj were paved for half their length.

In 1893, the system of removing foul water in earthen "gharas" carried by sweepers, instead of by the conservancy carts passing through the city, was introduced and worked satisfactorily. All privies in private houses at Taragarh were improved. Public drains in Kaisar-ganj and part of the Naya Bazar drains were paved and made on an improved design. Many old huts situated on the Nasirabad road were demolished and no new huts are now allowed to be erected there.

The Jail and the Merwara Battalion were supplied with water from the Foy Sagar by means of pipes.

In 1894, the system of throwing into the streets the waste water of cisterns attached to the hydrants in narrow streets of the city was discontinued, and arrangements were made to cart the water outside the city.

The slaughter-house outside the Delhi Gate, which was very insanitary, was reconstructed and made sanitary.

The city moat was filled up and the ground is now planted with trees. About fifty old huts on the Nasirabad road were removed.

In 1895, an improved pattern of cart was provided by the municipality for the removal of foul water from the city, which proved useful.

Owing to the opening of a new General Hospital near the Government Telegraph Office, a new road from the City Branch School to the Telegraph Office was made. The road is of great use to the city people going to and from the Railway Station, as well as opening up an overcrowded part of the city.

One new iron latrine was erected outside the Madar Gate, and one iron urinal was substituted in place of a masonry one.

It may be added that of late every endeavour has been made to keep the city clean, to fill up old pits and all old graves, and a strict watch is maintained on the working of the sanitary system.

It will be seen from the statistics which follow, that as regards fevers, bowel diseases (dysentery and diarrhœa) and cholera, a very marked diminution of disease has ensued which may justly be attributed in a great measure to the above-mentioned sanitary measures. The population of the city and suburbs has increased to a remarkable extent during the last twenty-five years. In round numbers the population, excluding the Jail, Regiment, and Mayo College, was 26,000 in 1871; in 1881 it had risen to 48,500, and in the early months of 1891 it was found to be 66,000. Bearing these facts in mind, there is shown a marked diminution in the incidence of the diseases mentioned, and this is most strikingly evident within the last ten years, during which improved sanitary conditions have been enjoyed.

Again, the number of deaths, calculated in ratio to population has of late years, and since sanitary improvements have been effected, shown a striking decline, and the diminution must in fact have been much greater than that indicated, as it was not possible to take into account, when working out the averages, the persistent yearly increase in the number of inhabitants.

For the first ten years the ratio refers to a population of 26,000 only, but during the lapse of that period it was constantly augmenting, so as to reach in 1881 a total of 48,500, and for the following decade the yearly difference was even greater, as the census taken in 1891 shows the population to be in that year 66,000. The true averages, therefore, must be much below those given.

The construction of the Rajputana Railway in the first instance, and the erection of large central workshops in Ajmere afterwards, have been the main factors in causing the enormously increased population above referred to. They were both fully operative in 1879, and the statistics furnished fairly prove that not only have the increased needs of a population, almost trebled in 20 years, been successfully met, but that, moreover, the general health is now much better than it was in the earlier years of the period above noted. Diminution of disease and a lowering of the death-rate averages have, in Ajmere, followed closely on the provision of an improved sanitary system, to which it is not unreasonable to attribute such good results.



*Statement of deaths registered in the City of Ajmere*

YEAR.	CHOLERA.			SMALL-POX.			FEVERS.			BOWEL COMPLAINTS.			INJURIES.		
	Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.
1877 .	...	...	...	314	74	388	457	210	667	187	39	226	15	9	24
1878 .	36	4	40	110	27	137	865	146	1,011	310	28	338	13	4	17
1879 .	15	...	15	27	2	29	783	62	845	191	14	205	37	1	38
1880 .	...	...	...	132	8	140	569	39	608	239	24	263	10	1	11
1881 .	5	10	15	4	...	4	577	28	605	57	7	64	1	...	1
1882 .	15	43	58	36	1	37	415	19	434	22	2	24	...	...	...
1883 .	33	17	50	27	2	29	280	13	293	55	3	58	3	...	3
1884 .	59	107	166	38	1	39	513	59	572	197	23	220	10	1	11
1885 .	21	42	63	168	24	192	477	139	616	232	41	273	21	7	28
1886 .	53	57	110	23	5	28	269	34	303	177	11	188	10	...	10
1887 .	68	23	91	2	1	3	232	25	257	157	4	161	15	...	15
1888 .	11	2	13	162	5	167	418	79	497	164	13	177	49	9	58
1889 .	8	21	29	102	42	144	435	154	589	114	23	137	60	13	73
1890 .	1	...	1	7	...	7	385	131	516	113	16	129	54	16	70
1891 .	21	26	47	306	51	357	461	223	684	167	54	221	112	60	172
1892 .	34	52	86	115	83	198	689	347	1,036	301	168	469	184	90	274
1893 .	...	...	...	33	1	34	611	228	839	110	25	135	74	30	104
1894 .	...	...	...	84	22	106	639	263	902	146	27	173	63	25	88
1895 .	16	3	19	119	9	128	833	299	1,132	110	67	177	137	75	202

from different causes from 1877 to 1891.

ALL OTHER CAUSES.			TOTAL DEATHS FROM ALL CAUSES.			RATIO OF DEATHS PER 1,000 OF POPULATION.			POPULATION.			Rainfall, in inches.
Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.	Ajmere Town.	Ajmere Suburb.	Total.	
334	68	402	1,307	400	1,707	41'38	113'05	48'60	31,583	3,538	35,121	11'76
459	43	502	1,793	252	2,045	56'77	71'23	58'23				31'05
300	20	320	1,353	99	1,452	42'84	27'98	41'34				27'05
221	6	227	1,171	78	1,249	37'08	22'05	35'56				18'54
24	2	26	668	47	715	16'47	5'47	14'55	40,559	8,592	49,151	21'30
7	7	14	495	72	567	12'20	8'38	11'54				27'24
19	1	20	417	36	453	10'28	4'19	9'22				17'40
159	15	174	976	206	1,182	24'06	23'98	24'05				27'04
141	38	179	1,060	291	1,351	26'13	33'86	27'49				24'77
90	10	100	622	117	739	15'33	13'61	15'04				15'34
56	7	63	530	60	590	13'06	6'98	12'00				21'93
100	17	117	904	125	1,029	22'28	14'54	20'94				24'42
239	59	298	958	312	1,270	23'61	36'31	25'84	41,416	27,427	68,843	25'17
146	39	185	706	202	908	17'40	23'51	18'47				14'55
169	57	226	1,236	471	1,707	29'84	17'17	24'80				8'33
238	95	333	1,561	835	2,396	37'69	30'44	34'80				20'87
316	98	414	1,144	382	1,526	27'62	13'93	22'17				32'83
314	122	436	1,246	459	1,705	30'09	16'73	27'76	41,416	27,427	68,843	26'99
353	167	520	1,558	620	2,178	37'62	22'60	31'64				24'43

## METEOROLOGY.

The following tables give all the information relating to the Meteorology of Ajmere since 1866. The observations given prior to 1880 were made in the Ajmere Jail, and, though correctly recorded, were probably defective for various reasons which were unavoidable, those since 1880 were made by a capable Government Observer, under proper conditions, and are correct. I am indebted to the kindness of the Meteorological Reporter to the Government of India for nearly all the following statistics, which were prepared in his office, a fact sufficient to vouch for their accuracy.

### *List of instruments that are in use at the Ajmere Observatory.*

1. Barometer.
2. Attached Thermometer.
3. Dry-bulb Hygrometer.
4. Wet bulb       do.
5. Dry Minimum Thermometer for shade.
6. Wet Minimum Thermometer for shade.
7. Maximum               "               "
8. Rain-gauge (top of funnel 5 inches diameter).
9. Anemometer.
10. Wind Vane.
11. Sand Glass.

This Observatory is a 2nd class Observatory, and was established in 1866. Its present site was selected in January 1880, previous to which observations were made at the Central Jail.

The statement showing the monthly and annual rainfall in Ajmere, for the years 1866 to 1895 gives an idea of the precarious and partial rainfall of the Ajmere Valley. Mr. La Touche in his report on the Settlement of Ajmere-Merwara districts, 1875, writes as follows on the rainfall of Ajmere :—

"The province is on the border of what may be fairly called the Arid Zone, and is the debatable land between the north-eastern and south-western monsoons and beyond the full influence of either. The south-west monsoons sweep up the Nerbadda Valley from Bombay, and, crossing the tableland at Neemuch, give copious supplies to Malwa, Jhallawar and Kotah, and the countries which lie in the course of the Chambal river. The clouds which strike Kattywar and Cutch are deprived of a great deal of their moisture by the influence of the hills in those countries, and the greater part of the remainder is deposited upon Abu and the higher slopes of the Aravalli, leaving but little for Merwara, where the hills are lower, and still less for Ajmere. It is only when this monsoon is in considerable force that Merwara gets a plentiful supply from it, and it is only the heaviest storms which get as far as Jodhpore, where the average rainfall does not exceed 13 or 14 inches, while beyond this is the rainless land of Scinde. The north-western monsoon sweeps up the valley of the Ganges from the Bay of Bengal and waters the northern part of Rajputana, but hardly penetrates further west than the longitude of Ajmere ; on the conflicting strength of these two monsoons the rainfall of the district depends.



"The prevailing wind during the rainy season is a south-westerly one, but there is but little rain which comes from this direction. The south-west monsoon is exhausted before it reaches even Merwara, and if this monsoon is in the ascendant, the weather will be cloudy and there will be light and partial showers, but no heavy rain. When the wind veers round to the west there will be no rain; it is from the north-east that Ajmere, Beawar and Todgarh obtain their heaviest rainfalls, though the south-western monsoon has naturally more effect at Todgarh than at Ajmere. The central portions of the province often receive heavy falls from the north-west, the north-east monsoon being apparently diverted from its course by the winds from the desert.

"The direction of the wind is most changeable, and the rainfall is exceedingly partial.

"Not only, however, is the rainfall most precarious and partial, varying in total amount very much from year to year and from place to place, and falling with fury on one side of a hill while the other side is perfectly dry, but it is most irregularly distributed over the rainy season, and most uncertain as to the intensity of the fall; this last question is a most important one with reference to the filling of the reservoirs. If the rainfall is in light showers, even though it be on the whole an average fall, the soil will absorb it, the nullahs will not run, and the tanks will remain empty. If the fall is sudden and heavy and at the same time general within the catchment area of a tank, the chances are that the embankment will be damaged. The best rainy season is one which includes a fall of 3 or 4 inches in the 24 hours in June, and a similar fall in September, with intermediate showers. Then the tanks fill and are replenished for the rabbi harvest and the kharif crop is not drowned with excessive rain."\*

These peculiarities may be illustrated from the history of the years for which records have been kept.

In 1860, the rainy season was a bad one, the tanks were unfilled, and no rain fell in September; 10·77 inches fell. The north-east monsoon failed in the North-Western Provinces, and Marwar got more than its usual rain from the south-west and so averted a famine. 1862 was a year of extraordinarily heavy fall; 43·40 inches fell. The rainfall was spread over a long period, and the tanks were filled but not destroyed.

In 1864, there was an average fall, but it ended before the second week in August.

In 1865, there was no rain until the middle of August, and it ceased entirely in the second week of September, only 1·18 inches being registered for that month. The tanks were filled.

In 1866, there was not much rain before August, when 19·90 inches fell, and 26·02 inches fell in the year. 1867 was a favourable year, and in the next year, 1868, only 9·32 inches fell in Ajmere, and an average of 7·4 for all stations, and there was famine.

In 1869, 23·92 inches fell, but no rain fell till the middle of July, and then there were long breaks with little rain till September, when 14·60 inches fell.

In 1870, only 16·97 inches fell, but was well distributed.

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\* A full account of the meteorology of Rajputana by Mr. Eliot, Meteorological Reporter to the Government of India, will also be given in the Provincial Medical History.—T. H. H.

In 1871, there were 8 inches in June and 5 inches in August, in all 21.75 inches. 1872 was a good year, 32 inches fell and were well distributed. 1873 and 1874 were fairly good years, with well distributed rain. 1875 had a large rainfall, 36.37 inches, the greater part of which, *viz.*, 17.80, fell in September. 1876 was a good year, with 24.09 inches. 1877 was remarkable in that rain fell in every month of the year, and only 11.67 for the whole year, July got 4.23 inches and no other month got 2 inches.

1878 was a good year with 31.05 inches, of which 10.06 fell in July and 15.32 in August, and only 1.17 in September. From 1879 to 1885 were good years, with rain from June to September.

In 1886, 15.34 inches fell, which was distributed between May and October. From 1887 to 1889 good rain fell.

In 1890, 14.55 inches fell, giving only small amounts to each month of the rainy season.

In 1891, only 8.93 inches fell, in July 3.77 inches fell, in August and September a little over an inch, and in all the other months less than an inch. This year was a *tir-kal* or triple famine, of water, fodder and grain. Fortunately 1892, 1893, 1894 and 1895 were progressively good years.

The average rainfall for Ajmere for the 30 years, 1866-1895, was 22.62 inches.

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[illegible]

**TOTAL**

*Summary of climatic conditions of Ajmere for fifteen years from 1881 to 1895, in each month of the year.*

*January.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . . .	28'408	58'6	0'60	2'13	56	2'33	S 40° W	50'3
Highest . . . . .	28'695	85'0	1'53					
Lowest . . . . .	28'046	33'0	0'03					
Greatest range in one day .	'199	43'3						
Lowest range . . . . .	'009	2'6						
Mean range . . . . .	'102	26'5						

*Variations from means of fifteen years from 1881 to 1895, in each month of the year.*

*January.*

YEARS.	Barometer mean 28'408 inches.	Temperature of air mean 58'6.	Saturation 100 R. Humidity mean 56 per cent.	Inches of rain mean 0'60 inches.	Wind mean 50'3 miles.
1881 . . . . .	+0'53	+0'6	-10	-0'57	-16'9
1882 . . . . .	+0'26	+1'7	+ 5	+0'45	- 9'5
1883 . . . . .	-0'28	+0'1	- 2	-0'22	- 8'8
1884 . . . . .	+0'52	+0'5	+ 1	-0'37	- 8'0
1885 . . . . .	+0'48	-1'3	+ 1	-0'23	+13'5
1886 . . . . .	-0'09	-0'6	0	-0'40	-13'3
1887 . . . . .	-0'092	-0'6	- 1	+0'20	-17'6
1888 . . . . .	+0'22	-4'0	- 4	-0'13	-12'8
1889 . . . . .	+0'09	+1'3	-10	+0'02	+19'7
1890 . . . . .	-0'34	+2'6	-13	-0'60	- 3'3
1891 . . . . .	+0'19	-0'6	+ 3	+0'37	-10'3
1892 . . . . .	+0'08	+3'2	+ 7	+0'59	+21'7
1893 . . . . .	-0'52	-2'8	+ 9	+0'93	+25'7
1894 . . . . .	-0'09	+1'2	+ 7	-0'03	+22'7
1895 . . . . .	-0'11	-0'8	+ 8	-0'02	- 23

*February.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . . .	28°375	63°1	0°25	1°07	46	1°99	N 65° W	65°7
Highest . . . . .	28°679	95°3	2°22					
Lowest . . . . .	28°051	32°0	0°01					
Greatest range in one day	°225	41°8						
Lowest range . . . . .	°012	6°8						
Mean range . . . . .	°104	27°8						

*Variations from means of fifteen years from 1881 to 1895.*

*February.*

YEARS.	Barometer mean 28°375 miles.	Temperature of air mean 63°1.	Saturation 100 R. Humidity mean 46 per cent.	Inches of rain mean 0°25 inches.	Wind mean 65°7 miles.
1881 . . . . .	+°009	+4°2	— 5	—0°22	— 1°6
1882 . . . . .	—°027	—1°3	+ 4	+0°06	+ 2°2
1883 . . . . .	—°003	—2°8	— 6	—0°25	—24°8
1884 . . . . .	+°001	+0°2	+ 2	—0°13	—13°8
1885 . . . . .	—°005	—5°7	— 5	—0°25	— 8°5
1886 . . . . .	+°028	—1°8	—11	—0°20	— 2°3
1887 . . . . .	+°007	+0°6	—11	—0°25	—39°5
1888 . . . . .	+°006	+0°1	+ 2	+1°97	+ 4°1
1889 . . . . .	+°014	+1°2	+ 9	+0°09	+26°3
1890 . . . . .	+°004	+3°1	—10	—0°25	— 2°7
1891 . . . . .	+°030	+1°4	— 3	—0°25	+19°3
1892 . . . . .	—°066	+4°6	+ 4	—0°25	+33°3
1893 . . . . .	+°004	—5°6	+16	+0°42	+21°3
1894 . . . . .	—°004	+3°3	+ 7	—0°24	+12°3
1895 . . . . .	—°003	+1°4	+ 2	—0°25	—25°7



*March.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . .	28.286	74.0	0.22	1.27	41	1.97	N 87° W	96.8
Highest . . . .	28.635	107.5	0.97					
Lowest . . . .	27.978	44.8	0.02					
Greatest range in one day .	.189	45.4						
Lowest range . . . .	.016	8.4						
Mean range . . . .	.105	28.3						

*Variations from means of fifteen years from 1881 to 1895.**March.*

YEARS.	Barometer mean 28.286 inches.	Temperature of air mean 74.0.	Saturation 100 R. Humidity mean 41 per cent.	Inches of rain mean 0.22 inches.	Wind mean 96.8 miles.
1881 . . . .	+ .017	- 2.6	- 3	+ 0.27	- 10.9
1882 . . . .	+ .027	- 0.7	- 6	- 0.22	- 19.7
1883 . . . .	- .006	- 2.5	0	- 0.20	- 7.1
1884 . . . .	+ .001	+ 0.6	- 3	- 0.18	?
1885 . . . .	+ .043	- 0.9	- 3	- 0.22	- 20.0
1886 . . . .	- .012	- 0.4	0	- 0.22	- 1.5
1887 . . . .	- .041	+ 1.6	+ 7	- 0.22	- 18.9
1888 . . . .	- .008	+ 3.5	- 4	- 0.17	+ 44.2
1889 . . . .	+ .064	+ 2.7	- 3	+ 0.35	- 17.8
1890 . . . .	- .049	+ 1.6	- 8	- 0.07	+ 11.2
1891 . . . .	+ .024	- 4.1	+ 11	+ 0.75	- 19.8
1892 . . . .	- .058	+ 4.2	- 1	- 0.22	+ 28.2
1893 . . . .	+ .014	- 2.8	+ 7	+ 0.08	+ 28.2
1894 . . . .	- .009	- 0.4	0	+ 0.19	+ 17.2
1895 . . . .	- .011	+ 0.2	+ 2	+ 0.10	- 13.8

*April.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . .	28'183	85'9	0'10	0'40	34	1'60	N 85° W	142'0
Highest . . . .	28'412	109'0	0'70					
Lowest . . . .	27'877	49'4	0'05					
Greatest range in one day .	'294	43'1						
Lowest range . . . .	'014	8'1						
Mean range . . . .	'106	26'8						

*Variations from means of fifteen years from 1881 to 1895.**April.*

YEARS.	Barometer mean 28'183 inches.	Temperature of air mean 85'9.	Saturation 100 R. Humidity mean 34 per cent.	Inches of rain mean 0'10 inches.	Wind mean 142'0 miles.
1881 . . . .	+ '007	- 1'5	+ 6	+ 0'60	+ 16'4
1882 . . . .	- '018	- 2'0	- 3	- 0'10	- 8'4
1883 . . . .	- '015	+ 0'3	- 5	- 0'10	- 23'7
1884 . . . .	+ '025	- 2'0	- 10	- 0'10	- 26'5
1885 . . . .	+ '047	- 4'7	+ 3	- 0'10	- 8 3
1886 . . . .	+ '006	- 0'9	- 9	- 0'10	- 54'2
1887 . . . .	+ '008	- 0'2	+ 8	- 0'10	- 81'9
1888 . . . .	- '022	+ 0'9	- 1	- 0'10	+ 75'3
1889 . . . .	+ '021	+ 1'0	- 1	+ 0'05	- 3'0
1890 . . . .	- '001	+ 1'8	- 5	- 0'10	+ 17'0
1891 . . . .	+ '034	- 0'9	+ 6	+ 0'15	- 24'0
1892 . . . .	- '045	+ 6'1	+ 7	- 0'10	+ 70'0
1893 . . . .	- '017	+ 1'9	- 1	- 0'10	+ 57'0
1894 . . . .	- '021	0	- 4	- 0'05	+ 10'0
1895 . . . .	- '013	+ 0'7	+ 4	+ 0'21	- 15'0

*May.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . .	28·086	90·7	0·62	2·33	38	1·15	W	215·5
Highest . . . .	28·400	114·0	2·19					
Lowest . . . .	27·851	60·2	0·08					
Greatest range in one day .	·216	38·8						
Lowest range . . . .	·008	14·3						
Mean range . . . .	·101	23·9						

*Variations from means of fifteen years from 1881 to 1895.**May.*

YEARS.	Barometer mean 28·036 inches.	Temperature of air mean 90·7.	Saturation 100 R. Humidity mean 38 per cent.	Inches of rain mean 0·62 inches.	Wind mean 215·5 miles.
1881 . . . .	—·003	+0·4	— 7	—0·44	— 4·9
1882 . . . .	—·008	—1·5	+ 8	—0·05	—42·8
1883 . . . .	—·026	—1·2	+ 5	—1·57	+16·5
1884 . . . .	—·001	—0·3	—10	—0·50	—58·6
1885 . . . .	+·077	—7·8	+ 7	+0·69	—91·8
1886 . . . .	—·024	+0·7	— 4	+0·33	—96·1
1887 . . . .	—·025	+2·7	+ 9	—0·54	—15·3
1888 . . . .	—·010	0	— 6	—0·62	+16·3
1889 . . . .	+·046	+0·9	— 3	+0·63	—31·5
1890 . . . .	—·013	+1·0	— 5	+0·63	+21·5
1891 . . . .	+·027	0·3	+ 6	—0·29	—34·5
1892 . . . .	—·014	+1·1	?	—0·22	+95·5
1893 . . . .	+·005	—0·9	+ 5	—0·17	+43·5
1894 . . . .	—·012	+1·3	— 2	—0·42	+116·5
1895 . . . .	—·014	+3·5	— 2	—0·62	+65·5



*June.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . . .	27'984	89'0	2'36	5'07	54	2'85	N 85° W	228'0
Highest . . . . .	28'211	113'4	7'27					
Lowest . . . . .	27'684	68'1	0'10					
Greatest range in one day .	'196	35'2						
Lowest range . . . . .	'013	1'9						
Mean range . . . . .	'096	18'6						

*Variations from means of fifteen years from 1881 to 1895.**June.*

YEARS.	Barometer mean 27'984 inches.	Temperature of air mean 89'0.	Saturation 100 R. Humidity mean 54 per cent.	Inches of rain mean 2'36 inches.	Wind mean 228'0 inches.
1881 . . . . .	+ '007	+ 0'2	— 2	— 1'91	+ 30'5
1882 . . . . .	— '044	+ 0'3	0	— 2'03	— 38'9
1883 . . . . .	— '002	— 0'7	— 1	— 1'27	— 23'5
1884 . . . . .	+ '035	— 1 8	— 2	+ 2'69	+ 17'7
1885 . . . . .	+ '017	— 0'9	— 4	+ 2'18	— 27'2
1886 . . . . .	+ '004	— 1'6	0	— 0'47	— 45'0
1887 . . . . .	+ '004	— 0'1	+ 1	— 0'39	— 49'7
1888 . . . . .	— '004	+ 1'6	— 5	— 1'20	+ 59'0
1889 . . . . .	+ '003	— 0'1	+ 3	+ 1'63	+ 6'0
1890 . . . . .	— '031	+ 0 7	+ 4	— 0'59	— 22'0
1891 . . . . .	+ '026	+ 3'9	— 7	— 2'26	+ 108'0
1892 . . . . .	+ '013	+ 1'8	— 1	— 1'68	+ 34'0
1893 . . . . .	— '001	— 1'3	+ 4	+ 1'83	— 41'0
1894 . . . . .	— '034	— 2'7	+ 11	+ 4'91	— 6 0
1895 . . . . .	0	+ 1'1	0	— 1'37	— 2 0

*July.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resulatnt.	Miles.
Mean . . . .	27'944	82'1	7'46	12'07	75	5'73	N 88° W	190'5
Highest . . . .	28'121	107'2	16'18					
Lowest . . . .	27'682	72'0	3'77					
Greatest range in one day .	'174	24'3						
Lowest range . . . .	'001	1'9						
Mean range . . . .	'083	12'9						

*Variations from means of fifteen years from 1881 to 1895.**July.*

YEARS.	Barometer mean 27'944 inches.	Temperature of air mean 82'1.	Saturation 100 R. Humidity mean 75 per cent.	Inches of rain mean 7'46 inches.	Wind mean 190'5 miles.
1881 . . . .	—'006	—0'9	+ 4	+1'80	—26'8
1882 . . . .	—'025	—2'7	+ 5	+8'72	?
1883 . . . .	+ '016	—1'7	+ 1	+1'78	—39'7
1884 . . . .	+ '008	+1 8	— 7	—0'81	—33'4
1885 . . . .	+ '012	+0'7	— 4	—0'27	+11'8
1886 . . . .	—'004	—0'3	0	—3'52	—33'7
1887 . . . .	+ '005	—2'8	+ 5	+3'09	—38'5
1888 . . . .	+ '002	+1'3	— 3	—1'70	+24'5
1889 . . . .	+ '022	+2'0	— 1	—3'46	—26'5
1890 . . . .	—'031	—0'3	+ 6	—3'08	+24'5
1891 . . . .	—'039	+4'0	— 9	—3'69	+68'5
1892 . . . .	—'040	+2'4	— 5	—2'38	+18'5
1893 . . . .	+ '034	—2'8	+ 5	+0'94	+28'5
1894 . . . .	+ '009	—2'5	+ 7	—0'80	—18'5
1895 . . . .	+ '032	+2'4	— 6	+3'32	+40'5

*August.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . .	28'016	80'2	6'93	10'27	78	5'52	N 89° W	175'8
Highest . . . .	28'217	104'0	13'89					
Lowest . . . .	27'785	70'6	0'45					
Greatest range in one day .	'147	23'8						
Lowest range . . . .	'015	2'6						
Mean range . . . .	'083	12'2						

*Variations from means of fifteen years from 1881 to 1895.**August.*

YEARS.	Barometer mean 28'016 inches.	Temperature of air mean 80'2.	Saturation 100 R. Humidity mean 18 per cent.	Inches of rain mean 6'93 inches.	Wind mean 175'8 miles.
1881 . . . .	—'019	—1'9	+ 8	+ 0'24	—49'3
1882 . . . .	+ '008	—1'0	0	—1'11	—18'0
1883 . . . .	+ '011	+4'6	—15	—6'48	?
1884 . . . .	+ '011	0	— 4	—1'97	—34'0
1885 . . . .	—'042	—1'0	+ 2	+3'99	+31'3
1886 . . . .	+ '004	+0'3	— 3	—2'33	—28'3
1887 . . . .	+ '009	—1'9	+ 6	+0'89	?
1888 . . . .	—'020	—2'2	+ 6	+6'96	+ 1'2
1889 . . . .	—'018	0	+ 5	+5'72	—18'8
1890 . . . .	+ '037	—0'3	— 3	—2'79	—16'8
1891 . . . .	+ '011	+3'3	— 9	—5'71	+64'2
1892 . . . .	+ '002	+0'1	+ 5	+0'16	—11'8
1893 . . . .	+ '031	+1'3	— 2	+1'28	+26'2
1894 . . . .	—'021	—0'5	+ 1	—3'21	+45'2
1895 . . . .	—'011	—0'5	+ 3	+4'41	+ 9'2



*September.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant	Miles.
Mean . . . . .	28.126	80.9	2.98	5.13	68	2.95	N 71° W	135.4
Highest . . . . .	28.380	102.9	10.41					
Lowest . . . . .	27.784	62.2	0.02					
Greatest range in one day .	.165	32.3						
Lowest range . . . . .	.009	2.0						
Mean range . . . . .	.094	16.5						

*Variations from means of fifteen years from 1881 to 1895.**September.*

YEARS.	Barometer mean 28.126 inches.	Temperature of air mean 80.9.	Saturation 100 R. Humidity mean 68 per cent.	Inches of rain mean 2.98 inches.	Wind mean 135.4 miles.
1881 . . . . .	-.026	-1.3	+ 4	-0.53	- 9.8
1882 . . . . .	-.005	-1.7	+ 1	+0.22	-22.6
1883 . . . . .	-.011	+0.1	+ 3	+0.93	- 6.3
1884 . . . . .	-.037	-2.4	+ 11	+7.43	-53.9
1885 . . . . .	+.041	-1.7	- 4	-2.77	-10.8
1886 . . . . .	+.027	+1.8	- 9	-1.48	+14.6
1887 . . . . .	+.009	-0.4	- 3	-2.28	-11.7
1888 . . . . .	+.059	+0.1	- 8	-2.96	+35.6
1889 . . . . .	+.013	+1.8	- 6	-2.78	-51.4
1890 . . . . .	+.001	+2.8	-12	-1.50	- 3.4
1891 . . . . .	-.016	+3.6	- 3	-1.78	+59.6
1892 . . . . .	-.043	-1.6	+14	+3.38	+ 8.6
1893 . . . . .	-.022	-2.2	+11	+4.17	+57.6
1894 . . . . .	-.027	+0.1	+ 6	+2.81	- 7.4
1895 . . . . .	+.039	+0.9	- 3	-2.88	+ 0.6

*October.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . . .	28·287	75·8	0·15	0·53	49	1·19	N 69° W	64·5
Highest . . . . .	28·510	98·9	1·40					
Lowest . . . . .	28·005	45·8	0·01					
Greatest range in one day .	·181	40·5						
Lowest range . . . . .	·020	1·4						
Mean range . . . . .	·095	28·2						

*Variations from means of fifteen years from 1881 to 1895.**October.*

YEARS.	Barometer mean 28·287 inches.	Temperature of air mean 75·8.	Saturation 100 R. Humidity mean 49 per cent.	Inches of rain mean 0·15 inches.	Wind mean 64·5 miles.
1881 . . . . .	— 021	+ 1·2	0	— 0·15	+ 15·4
1882 . . . . .	— 041	— 1 0	— 4	— 0·15	+ 2·9
1883 . . . . .	+ 045	— 0 4	— 3	— 0·15	+ 4·7
1884 . . . . .	+ 049	— 3·2	+ 6	— 0 10	— 24·5
1885 . . . . .	+ 013	+ 0·6	— 2	— 0·15	?
1886 . . . . .	— 044	+ 3·8	+ 7	— 0·14	— 35·3
1887 . . . . .	+ 016	— 1·0	— 3	— 0·15	— 1·8
1888 . . . . .	+ 048	— 2 0	0	+ 0·10	+ 1·5
1889 . . . . .	— 027	— 2·4	— 4	+ 1·25	— 21·5
1890 . . . . .	— 003	+ 2·2	— 6	+ 0·22	— 5·5
1891 . . . . .	+ 013	+ 3·3	— 1	— 0·03	+ 35·5
1892 . . . . .	— 005	— 1·5	+ 7	— 0·15	+ 15·5
1893 . . . . .	+ 002	— 2 0	+ 8	— 0·08	+ 5·5
1894 . . . . .	— 042	+ 1·4	0	— 0·15	+ 14·5
1895 . . . . .	— 004	+ 0·3	— 4	— 0·14	— 6·5

*November.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . .	28'396	65'4	0'18	0'47	48	1 01	N 33° W	36'3
Highest . . . .	28'610	93'9	1'86					
Lowest . . . .	28'161	35'0	0'10					
Greatest range in one day .	'210	47'6						
Lowest range . . . .	'017	2'7						
Mean range . . . .	'095	32'6						

*Variations from means of fifteen years from 1881 to 1895.**November.*

YEARS.	Barometer mean 28'396 inches.	Temperature of air mean 65'4.	Saturation 100 R. Humidity mean 48 per cent.	Inches of rain mean 0'18 inches.	Wind mean 36'3 miles.
1881 . . . .	—'039	—1'8	—10	—0'18	—15'6
1882 . . . .	—'013	—1'5	—6	—0'18	+ 1'4
1883 . . . .	—'023	—2'6	—4	—0'18	+ 1'5
1884 . . . .	+ '013	—3'2	—1	0	—20'0
1885 . . . .	+ '027	+ 0'7	—3	—0'18	?
1886 . . . .	—'006	+ 2'7	—2	—0'18	—18'4
1887 . . . .	+ '016	—0'7	—6	—0'18	—18'9
1888 . . . .	0	—1'4	+ 11	+ 0'42	+ 19'7
1889 . . . .	—'029	—1'5	—6	—0'18	—3'3
1890 . . . .	+ '013	+ 2'2	+ 3	—0'08	+ 0'7
1891 . . . .	+ '003	+ 2'7	+ 5	—0'18	+ 11'7
1892 . . . .	—'028	—0'2	+ 1	+ 1'18	+ 20'7
1893 . . . .	+ '036	—0'1	+ 16	+ 0'68	+ 12'7
1894 . . . .	+ '015	+ 0'2	—2	—0'18	—4'3
1895 . . . .	+ '011	+ 4'9	—1	—0'18	+ 12'7



*December.*

	Baro- meter.	Tem- perature.	RAIN.			Cloud.	WIND.	
			Inches.	Days of fall.	Humidity.		Resultant.	Miles.
Mean . . . .	28.442	59.9	0.27	0.73	54	1.59	S 52° E	36.7
Highest . . . .	28.655	86.4	2.31					
Lowest . . . .	28.118	34.1	0.01					
Greatest range in one day .	.158	41.1						
Lowest range . . .	.017	6.0						
Mean range . . .	.098	30.2						

*Variations from means of fifteen years from 1881 to 1895.*

*December.*

YEARS.	Barometer mean 28.447 inches.	Temperature of air mean 59.9.	Saturation 100 R. Humidity mean 54 per cent.	Inches of rain mean 0.27 inches.	Wind mean 36.7 miles.
1881 . . . .	-.009	+0.9	- 6	+0.18	- 8.7
1882 . . . .	-.035	+3.0	- 5	-0.27	- 2.0
1883 . . . .	+.042	-3.7	- 7	-0.27	+12.2
1884 . . . .	+.041	-3.5	- 1	-0.26	-2.62
1885 . . . .	-.029	-1.3	+ 5	+0.01	+ 2.9
1886 . . . .	-.009	+0.2	-10	-0.27	-17.2
1887 . . . .	-.018	+0.3	- 6	-0.26	-10.7
1888 . . . .	+.019	-1.4	- 3	-0.27	-12.3
1889 . . . .	-.014	+1.2	- 9	-0.27	- 4.7
1890 . . . .	-.030	+0.9	+ 8	+0.64	- 5.7
1891 . . . .	+.031	+1.7	+ 7	-0.27	+ 1.3
1892 . . . .	+.006	-0.5	+ 3	-0.20	+26.3
1893 . . . .	+.009	+0.8	+ 7	-0.27	+ 6.3
1894 . . . .	?	+0.3	+15	+2.04	+ 8.3
1895 . . . .	+.001	+0.5	+ 1	-0.27	+ 5.3

Table III Abstract of Meteorological observations of

MONTHS,	BAROMETER.													
	Mean of 15 years.	Highest.	Date.	Year.	Lowest.	Date.	Year.	Greatest range in one day.	Date.	Year.	Lowest range in one day.	Date.	Year.	Mean range.
January . . .	28'408	28'695	5	1886	28'046	25	1883	'199	11	1882	'009	17 & 23	1891	'102
February . . .	'375	'679	12	91	'051	15	90	'225	15	86	'012	2	86	'104
March . . .	'286	'635	5	89	27'978	28	87	'187	24	81	'016	8	95	'105
April . . .	'183	'412	4	93	'877	27	93	'294	6	8	'014	12	85	'106
May . . .	'086	'400	3	92	'851	23	92	'216	31	95	* 808	2	92	'101
June . . .	27'984	'211	1	83	'684	11	82	'196	14	84	'013	24	84	'096
July . . .	'944	'121	13	95	.682	11	87	'174	11	87	'001	17	93	'083
August . . .	28'016	'217	26	90	'785	9	95	'147	31	91	'015	2	85	'083
September . . .	'126	'380	29	85	'785	12	82	'165	30	81	'009	2	93	'094
October . . .	'287	'510	31	91	28'005	2	84	'181	31	88	'020	25	83	'095
November . . .	'396	'610	17	92	'161	10	83	'210	7	84	'017	1 & 29 4	81 85	'095
December . . .	'442	'655	24	91	'118	1	92	'158	24	81	'017	8	83	'098
Total . . .	14'533	5'525	...	...	11'022	...	...	2'354	...	...	'055	...	...	1'162
Mean . . .	28'211	28'460	...	...	27'919	...	...	'196	...	...	'005	...	...	'097
Highest and Lowest	...	28'695	June 5th	86	27'682	July 11th	87	'294	April 6th	88	'088	May 2nd	92	...

\* NOTE by Chief Computer. The range in the case of the barometric observations is the difference of the 10h. V16h reading was higher than the 10h. on 2nd May 1892, a rare occasion. This was owing to the rapid rise of the barometer

MERE.

*Sunspot period of 1st years, viz., 1881 to 1895.*

TEMPERATURE OF AIR IN SHADE.														RAIN.		WIND.			
Mean of 15 years.	Highest.	Date.	Year.	Lowest.	Date.	Year.	Greatest range in one day.	Date.	Year.	Lowest range in one day.	Date.	Year.	Mean range.	Mean of 15 years.	Average number of rainy days since 1881.	R. Humidity mean of 15 years.	Cloud mean of 15 years.	Normal mean direction resultant.	Total miles mean of 15 years.
58.6	85.0	21	1892	33.0	28 & 29	1890	43.3	4	1889	2.6	11	1882	26.5	0.60	2.13	56	2.33	S40°W	50.3
63.1	95.3	27	87	32.0	8	87	41.8	6	81	6.8	17	89	27.8	0.25	1.07	46	1.99	N65°W	65.7
74.0	107.5	26	92	44.8	12 & 30	94	45.4	30	87	8.4	12	91	28.3	0.22	1.27	41	1.97	N87°W	96.8
85.9	109.0	27	86	49.4	3	86	43.1	5	88	8.1	24	90	26.8	0.10	0.40	34	1.60	N85°W	142.8
90.7	114.0	8 25	81 86	60.2	1	81	38.8	6 & 21	81 84	14.3	31	86	23.9	0.62	2.33	38	1.15	W	215.5
89.0	113.4	2	89	68.1	15 & 16	88	35.2	16	88	1.9	28	85	18.6	2.36	5.07	54	2.85	N85°W	228.0
82.1	107.2	21	91	72.0	14-26	94	24.3	4	81	1.9	7	83	12.9	7.46	12.07	75	5.75	N88°W	190.5
80.2	104.0	28	83	70.6	27	88	23.8	27	83	2.6	22 & 26	88	12.2	6.93	10.27	78	5.52	N89°W	175.8
80.9	102.9	4	91	62.2	23-24	85	32.3	24, 28 & 29	85	2.0	3	94	16.5	2.98	5.13	68	2.95	N71°W	135.4
75.8	98.9	2	90	45.8	25	80	40.5	25	87	1.4	3	93	28.2	0.15	0.53	49	1.19	N69°W	64.5
65.4	93.9	4	95	35.0	9	92	47.6	25	81	2.7	20	93	32.6	0.18	0.47	48	1.01	N33°W	36.3
59.9	86.4	1	92	34.1	81	83	41.1	3	89	6.0	24	84	30.2	0.27	0.73	54	1.59	S 52 E	36.7
90.56	1217.5	...	...	607.2	...	...	457.2	...	...	58.7	...	...	284.5	22.12	41.47	541	29.88	...	1437.5
75.5	101.5	...	...	50.6	...	...	38.1	...	...	4.9	...	...	23.7	1.84	3.46	53	2.49	...	119.8
...	104.0	May 8th 25th	81 86	32.0	Feb. 18th	87	4.76	Nov. 25th	81	1.4	3rd	93	...	...	...	...	...	...	...

readings (10 h. minus 16 tons). In this case the lowest range is shown by a [negative] value. The reason is that the 16th after a storm centre passed over the station on the morning of that date.



## CLIMATE.

The climate of the Ajmere District is dry and healthy.

In the hot season strong hot west winds prevail, alternating with easterly breezes ; the hot south-west wind is the most prevalent, and this wind is used by those houses in which grass tatties are placed to reduce the temperature. This wind blows sometimes for weeks together day and night, and the temperature of houses can be kept down to somewhere near 80° Farenheit by means of tatties. A large number of the inhabitants of Ajmere, both European and Native, sleep outside on the ground or on their houses during the hot season and the nights are, as a rule, cool and refreshing, though the constant wind is troublesome. This is the healthiest season of the year. During the rains a south-westerly or North-Easterly wind is nearly always blowing according as either monsoon is in the ascendant. At the beginning of the rains and just before the first good fall of rain, the climate of Ajmere is most trying and disagreeable, but after the rains are fairly set in, the wet season is pleasant. During the autumn following the rains the air becomes dry and unpleasant, and malarial fevers become prevalent ; they are not, however, of a severe or fatal type. The weather in December, January and February, when hoar frost not unfrequently covers the ground, is cold and bracing, and the cold at times is severe.

The climate of Ajmere is healthy and is favourable for Europeans, especially for European children, who appear to suffer less from those diseases incidental to infancy and childhood than the children of many other parts of India, and whose illnesses, when they occur, are of a mild type and chiefly to be traced to errors in diet.

## HOSPITALS AND DISPENSARIES.

The first charitable public dispensary was opened in Ajmere on the 15th January 1851. The idea of starting a charitable dispensary in Ajmere was originated by Colonel Dixon. It was constructed at a cost of Rs. 6,000, from funds subscribed by the citizens of Ajmere, and the building was constructed near the Agra gate inside the city, affording accommodation for 25 beds—21 for males and 4 for females. This dispensary remained constantly open from 1851 to 1895 ; when the new General Hospital was completed. A great deal of medical and surgical aid was rendered to the citizens of Ajmere and to the district of Ajmere-Merwara and to people from other parts of Rajputana and India in the old dispensary ; but for some years previous to 1895 the old dispensary was found to be increasingly inadequate to the demands made upon its accommodation for in-door sick, for operations and for general hospital work ; there were also no proper quarters for the hospital staff.

In 1895 a modern and more suitable hospital was built outside the city walls at a cost of Rs. 43,000. The old dispensary was vacated and the new hospital occupied in December 1895. The new hospital was built from funds liberally subscribed by some of the wealthy citizens of Ajmere, by the Municipality, and from the amount realized by the sale of the old dispensary.

The new hospital is a fine building containing several large wards, and is built in accordance with modern hospital requirements. It gives accommodation for 55 beds, *viz.*,

33 for males, 10 for females and 12 for men of the Ajmere Police. The old Police Hospital, which was for many years in the Magazine, was abolished when wards in the new General Hospital were made available for the police sick.

The present staff of the General Hospital is quite inadequate for the amount of work which is now done in the institution ; there is a daily average of 17·84 in-patients and 105·23 out-door patients treated at this hospital. In 1895 there were 197 major operations, and for the ten months of this year 1896, 250 major operations have been performed. It has not been found that the General Hospital work has fallen off since the hospital has been removed to a site outside the city, and there is no doubt but that the greater accommodation, and better site and surroundings will, as time goes on, increase the usefulness of this institution.

The hospital buildings are complete, but the ground belonging to the hospital is only partially enclosed. The buildings and ground urgently require a surrounding wall with gates.\*

#### RAILWAY HOSPITAL AND DISPENSARY.

There is a large Central Railway Hospital and a Railway Branch Dispensary in Ajmere. The former is a fine building near the Railway Workshops and has wards for European and Native patients as well as a female ward. This hospital has accommodation for 24 beds, *i. e.*, 12 for Natives, 6 for Europeans (male), and 6 for Europeans (female). The Branch Dispensary is near Cantonments and is very useful for Railway officials and their servants as the distance of most of the houses of Railway officials from the main hospital is great. The Central Hospital is well equipped with instruments and hospital appliances, and is liberally stocked with medicines from Bombay ; when it is remembered that over ten thousand individuals are more or less dependent on the Railway and that all these people can obtain medicine and advice at the hospital or dispensary, some idea of the amount of work and usefulness of these institutions can be formed.

During 1895 the numbers of out-patients attending the Railway Hospital were as follows :—Europeans 568, Eurasians 1,223, Natives 7,358 ; 6 Europeans, 5 Eurasians, and 169 Natives were treated as in-patients, and 372 visits were made to the houses of sick Railway servants.

#### PRESBYTERIAN MISSION HOSPITAL.

In 1872 the Rajputana United Presbyterian Mission opened a dispensary in the city under the charge of the Revd. Dr. J. Husband. In 1896 a new building was constructed by the Mission, from funds collected in Scotland. This new hospital is near the Delhi gate of the city and has accommodation for 20 beds. Nearly 21,000 new cases were treated as out-patients in the Mission Dispensary in 1895, and 135 in-patients were admitted during the year. The cost of maintenance, wages and medicines, etc., for 1895 was Rs. 2,253.

#### BRANCH DISPENSARIES.

There are four Branch Dispensaries in the Ajmere District, *viz.*, Kekri, Pisangan, Ramsar and Deolia.

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\* Many minor improvements are required in order to make this hospital perfect. Unfortunately, funds are not at present available.—T. H. H.

## KEKRI.

The population of Kekri is 7,100. This small town is increasing as a market, and the small Tejaji Fair is becoming a recognised commercial as well as religious institution. The number of occupied houses is 1,353.

Kekri is 50 miles from Ajmere.

The dispensary was opened on 7th July 1869. The number of patients treated during 1895 was 5,753, *i.e.*, 44 in and 5,709 out-door, and the cost of the dispensary for the year was Rs. 797. The daily average attendance of in and out-door patients was 1.44 and 34.69 respectively. There is a Deputy Magistrate at Kekri, who is also Chairman of the Municipal Committee.

## PISANGAN.

Is a small town, owned by a Rajput Istimrardar, with a population of 5,521. It is 12 miles from Mangliawas Railway Station and 28 miles from Ajmere. The dispensary was opened on 6th August 1869. The number of out-door patients treated during 1895 was 3,277, with a daily average attendance of 26.81, and the annual cost was Rs. 478.

There is no accommodation for in-patients in this dispensary.

## RAMSAR.

The population of Ramsar is 3,542. Ramsar is 10 miles from Nasirabad Railway Station and 25 miles from Ajmere. The dispensary was opened on 17th September 1869, and the number of patients treated during 1895 was 3,220, with a daily average attendance of 24.45. The annual cost amounted to Rs. 636.

There is no accommodation for in-patients.

## DEOLIA.

Deolia has a population of 3,748 and is owned by a Rajput Istimrardar, who pays a quit rent to Government. Deolia is 52 miles from Ajmere and 11 miles from Barl Railway Station. The dispensary was opened on 17th December 1890, and the number of patients treated during 1895 was 3,107, with a daily average attendance of 30.43. The annual cost amounted to Rs. 601.

There is no accommodation for in-patients.



*Table showing attendance at the Ajmere Dispensary.*

							Out-door.	In-door.	Total.
1876	.	.	.	.	.	.	14,241	290	14,531
1877	.	.	.	.	.	.	14,999	344	15,343
1878	.	.	.	.	.	.	20,289]	401	20,690
1879	.	.	.	.	.	.	17,394	320	17,714
1880	.	.	.	.	.	.	17,921	324	18,245
1881	.	.	.	.	.	.	20,289	401	20,690
1882	.	.	.	.	.	.	20,508	461	20,969
1883	.	.	.	.	.	.	19,643	450	20,093
1884	.	.	.	.	.	.	16,381	414	16,795
1885	.	.	.	.	.	.	16,209	436	16,645
1886	.	.	.	.	.	.	17,609	449	18,058
1887	.	.	.	.	.	.	18,376	648	19,024
1888	.	.	.	.	.	.	17,241	539	17,780
1889	.	.	.	.	.	.	16,028	448	16,476
1890	.	.	.	.	.	.	16,535	487	17,022
1891	.	.	.	.	.	.	17,910	469	18,379
1892	.	.	.	.	.	.	19,384	462	19,846
1893	.	.	.	.	.	.	20,035	471	20,506
1894	.	.	.	.	.	.	19,739	487	20,226
1895	.	.	.	.	.	.	16,909	510	17,419
TOTAL							357,640	8,811	366,451

*Return of patients treated in the Ajmere*

Months.	GENERAL DISEASES.												
	GROUP A.							GROUP B.	GROUP C.	GROUP D.			
	Small-pox.	Cholera.	Dysentery.	Malarial Fever.	Syphilitic Affections.	Gonorrhœa and its complications.	Other diseases of this order.	Worms.	Debility.	Rheumatic affections.	Tubercular.	Leprosy.	All other general diseases.
January . . .	23	...	501	2,554	770	581	214	63	119	1,139	145	43	385
February . . .	20	...	295	2,000	582	523	290	69	98	970	134	51	294
March . . .	28	3	466	2,729	778	634	285	143	144	1,244	170	72	358
April . . .	24	27	531	2,626	705	639	327	286	139	1,328	155	67	386
May . . .	21	42	497	2,445	874	662	350	308	175	1,324	163	79	429
June . . .	16	70	501	2,194	923	762	357	472	156	1,328	145	85	416
July . . .	...	245	735	2,601	872	770	327	565	182	1,300	156	67	426
August . . .	3	149	969	3,163	863	721	321	557	148	1,208	170	68	429
September . .	3	43	699	5,220	757	699	511	506	125	1,158	155	51	421
October . . .	...	14	589	8,120	707	552	510	291	166	1,246	123	62	388
November . .	1	107	681	6,109	632	603	181	148	137	1,138	130	44	373
December . .	14	...	611	4,006	599	530	132	118	149	1,057	123	42	331
Total .	153	700	7,075	43,767	9,152	7,676	3,605	3,526	1,738	14,530	1,769	731	4,636
Percentage .	'04	'10	'05	12'03	2'52	2'11	'09	'07	'48	3'90	'49	'20	1'27

*Dispensary from 1876 to 1895.*

## LOCAL DISEASES.

## GROUP E.

Diseases of the Eye.	Diseases of the Ear.	Diseases of the circulatory system.	Diseases of the Respiratory system.	Diarrhoea.	Diseases of Liver.	Goitre.	Diseases of spleen.	Diseases of the generative system.	Diseases of the connective tissue.	Diseases of the skin.	Ulcers.	Poison.	Injuries.	Other Local diseases.	Total.	Annual average.
1,384	1,171	156	2,566	514	103	...	318	84	1,422	2,417	2,728	133	1,173	4,291	24,997	1,250
1,474	977	136	2,057	413	60	...	232	67	1,267	2,593	2,486	130	1,178	3,865	22,261	1,113
2,536	1,313	152	2,092	538	84	3	262	80	1,553	3,445	2,678	242	1,557	5,394	28,983	1,440
3,007	1,466	99	1,682	690	91	...	267	84	1,745	3,055	2,589	414	1,406	5,555	29,480	1,474
2,482	1,395	130	1,508	609	89	...	283	131	2,185	2,916	2,835	627	1,670	5,795	30,024	1,501
2,019	1,529	206	1,304	713	114	...	309	126	2,658	3,104	2,902	581	1,848	5,798	30,636	1,532
2,564	1,700	163	1,202	910	97	...	307	105	2,819	3,376	3,557	562	2,235	6,075	33,918	1,696
3,415	1,909	167	1,196	1,029	114	...	293	80	2,653	3,486	4,406	480	2,359	6,103	36,549	1,827
2,805	1,769	167	1,291	668	93	2	224	69	2,313	3,252	4,692	445	1,469	5,521	35,128	1,756
1,885	1,400	100	1,868	501	86	1	306	78	1,976	2,726	3,851	305	1,472	6,161	35,284	1,764
1,555	1,185	83	2,589	539	99	...	276	97	2,005	2,257	2,915	149	1,129	4,715	29,877	1,494
1,506	1,121	83	2,769	572	103	...	281	66	1,783	2,135	2,822	130	1,038	4,469	26,590	1,330
26,632	16,935	1,642	22,124	7,696	1,133	6	3,358	1,067	24,379	34,762	38,461	4,198	18,534	63,742	363,728	...
7'32	4'66	'45	6'08	2'12	'31	...	'92	'29	6'70	9'56	10'57	1'15	5'10	17'52	...	...



*Return of patients treated in the Branch*

MONTH.	GENERAL DISEASES.												
	GROUP A.							GROUP B.	GROUP C.	GROUP D.			
	Small-pox.	Cholera.	Dysentery.	Malarial fevers.	Syphilitic affections.	Gonorrhoea and its complications.	Other diseases of this order.	Worms.	Debility.	Rheumatic affec- tions.	Tubercular.	Leprosy.	All other general diseases.
January . .	...	...	47	666	50	38	16	3	3	125	13	1	23
February . .	...	...	25	506	33	19	9	1	...	107	22	...	27
March . .	1	...	48	573	47	35	10	2	...	124	29	...	35
April . .	2	20	58	453	21	34	8	6	...	123	26	2	50
May . .	2	109	46	347	46	45	9	7	...	130	32	...	48
June . .	5	112	57	392	36	41	16	7	1	152	14	...	39
July . .	...	8	142	561	55	47	15	10	5	177	12	...	36
August . .	...	89	227	874	46	40	23	10	3	160	12	...	34
September . .	...	138	155	1,764	47	47	15	5	1	155	15	...	31
October . .	...	1	121	2,105	39	42	7	3	9	132	19	4	68
November . .	...	9	81	1,658	42	42	13	7	7	110	26	1	48
December . .	...	...	49	1,071	45	39	28	3	...	121	14	...	35
Total . .	10	486	1,056	10,970	507	469	169	64	29	1,616	234	8	474
Percentage . .	.02	.83	1.80	18.70	.86	.80	.29	.11	.05	2.75	.40	.01	.81

*Dispensary, Kekri, from 1880 to 1895.*

LOCAL DISEASES.															
GROUP E.															
Diseases of the eye.	Diseases of the ear.	Diseases of the circulatory system.	Diseases of the respiratory system.	Diarrhœa.	Diseases of liver.	Goitre.	Diseases of spleen.	Diseases of the generative system.	Diseases of the connective tissue.	Diseases of the skin.	Ulcers.	Poisons.	Injuries.	Other local diseases.	Total.
579	155	49	366	32	13	...	57	20	60	433	496	20	133	495	3,893
638	133	62	267	21	8	...	28	10	36	396	367	13	122	465	3,313
1,083	177	61	252	66	12	...	33	12	32	463	452	16	140	626	4,329
1,125	173	66	183	73	12	...	30	12	30	404	423	16	148	721	4,219
876	191	74	131	92	11	...	29	9	53	355	430	26	149	782	4,029
617	189	160	101	128	13	...	30	18	79	364	456	29	118	770	3,944
1,196	319	132	107	218	7	...	33	13	73	493	744	32	137	755	5,327
1,855	377	97	141	222	11	...	30	9	57	577	943	30	186	791	6,844
1,532	309	76	167	148	9	...	32	17	50	563	819	39	161	704	6,999
961	262	75	281	67	11	...	72	6	98	437	753	19	138	689	6,419
680	193	57	316	49	14	...	48	8	64	354	549	9	120	456	4,961
593	190	56	349	48	11	...	55	14	65	460	539	15	144	447	4,391
11,735	2,668	965	2,661	1,164	132	...	477	148	697	5,299	6,971	264	1,696	7,701	58,670
20'00	4'55	1'64	4'54	1'98	'23	...	'81	'25	1'19	9'03	11'88	'45	2'89	13'13	400

*Return of patients treated in the Branch*

Month.	GENERAL DISEASES.												
	GROUP A.							GROUP B.	GROUP C.	GROUP D.			
	Small-pox.	Cholera.	Dysentery.	Malarial fevers.	Syphilitic affections.	Gonorrhœa and its complications.	Other diseases of this order.	Worms.	Debility.	Rheumatic affections.	Tubercular.	Leprosy.	All other general diseases.
January . . .	...	...	49	454	80	50	36	13	5	197	35	1	185
February . . .	...	...	37	407	79	56	28	18	7	182	44	1	147
March . . .	...	...	39	359	72	41	22	14	8	197	44	4	214
April . . .	...	1	72	413	85	56	35	15	11	194	91	...	180
May . . .	1	14	60	344	79	50	18	15	13	210	79	3	225
June . . .	...	39	53	340	61	52	23	22	12	213	45	...	210
July . . .	...	15	76	346	70	57	24	19	10	204	88	2	217
August . . .	...	16	143	648	71	46	16	34	16	226	75	2	237
September . . .	...	34	98	1,564	76	37	45	37	18	213	75	4	273
October . . .	..	...	51	1,529	60	39	30	28	11	167	65	...	184
November . . .	...	35	47	1,051	66	44	48	10	19	196	63	3	124
December . . .	...	...	48	725	65	37	24	12	6	195	34	2	119
Total . . .	1	154	773	8,180	864	565	349	246	136	2,394	738	22	2,315
Percentage . . .	...	1.30	1.53	16.15	1.71	1.11	1.69	1.49	1.27	4.73	1.46	1.0	4.57



*Dispensary, Pitsangan, from 1880 to 1895.*

## LOCAL DISEASES.

## GROUP E.

Diseases of the eye.	Diseases of the ear.	Diseases of the cir- culatory system.	Diseases of the res- piratory system.	Diarrhea.	Diseases of liver.	Goitre.	Diseases of spleen.	Diseases of the ge- nerative system.	Diseases of the con- nective tissue.	Diseases of the skin.	Ulcers.	Poisons.	Injuries.	Other local diseases.	Total.
339	181	6	113	75	14	...	23	5	289	283	648	16	74	580	3,751
356	151	...	134	40	14	...	24	4	256	269	550	8	96	509	3,417
513	175	3	137	62	6	...	26	3	258	272	554	48	107	645	3,825
610	156	6	100	109	14	...	34	5	225	276	477	103	99	597	3,904
519	158	20	88	110	12	...	25	3	338	233	560	137	117	657	4,088
439	202	10	63	95	9	...	33	5	346	266	579	139	99	789	4,146
551	252	10	93	117	11	...	21	5	420	287	676	147	148	704	4,570
601	191	7	105	163	12	...	26	3	337	286	754	91	102	561	4,763
422	185	10	78	139	21	...	59	1	320	263	741	106	93	570	5,401
306	168	7	114	70	12	...	23	1	294	250	535	56	94	598	4,693
273	145	4	155	55	11	...	21	...	295	246	528	20	108	588	4,164
284	198	7	150	62	12	...	23	2	333	288	535	9	77	540	5,787
5,213	2,162	92	1,332	1,097	148	...	332	37	3,711	3,219	7,137	880	1,214	7,347	50,658
10'29	4'27	'18	2'63	2'16	'29	...	'65	'07	7'33	6'35	14'09	1'74	2'40	14'50	100

*Return of patients treated in the Branch*

Months.	GENERAL DISEASES.													
	GROUP A.							GROUP B.	GROUP C.	GROUP D.				
	Small-pox.	Cholera.	Dysentery.	Malarial fevers.	Syphilitic affections.	Gonorrhoea and its complications.	Other diseases of this order.	Worms.	Debility.	Rheumatic affections.	Tubercular.	Leprosy.	All other general diseases.	Diseases of the eye.
January . .	...	...	15	726	24	10	8	3	21	88	1	...	46	581
February . .	...	...	06	563	14	11	18	1	10	59	3	...	37	561
March 1 . .	...	...	24	475	15	10	23	1	13	80	4	...	37	970
April 8 . .	...	...	36	403	12	11	15	3	19	97	8	...	34	952
May . .	...	4	29	330	19	13	14	2	19	83	4	...	29	598
June . .	...	20	33	317	22	19	22	9	8	89	4	...	38	524
July . .	...	18	49	340	20	12	8	8	11	100	7	...	36	811
August 7 . .	...	88	71	418	21	20	13	11	9	77	6	...	38	1,258
September . .	...	3	66	803	13	16	4	3	12	71	4	...	33	815
October . .	...	...	34	1,162	21	10	2	7	13	83	4	...	41	462
November . .	...	...	45	1,113	21	15	6	...	21	82	3	...	47	399
December . .	...	...	41	828	27	15	6	1	18	95	5	...	39	472
Total . .	...	133	539	7,278	229	162	139	49	174	1,004	53	...	455	8,397
Percentage . .	...	'37	1'49	20'11	'63	'45	'38	'14	'48	2'77	'15	...	1'26	23'20

*Dispensary, Ramsar, from 1880 to 1895.*

## LOCAL DISEASES.

## GROUP E.

Diseases of the ear.	Diseases of the circulatory system.	Diseases of the respiratory system.	Diarrhoea.	Diseases of liver.	Goitre.	Diseases of spleen.	Diseases of the generative system.	Diseases of the connective tissue.	Diseases of the skin.	Ulcers.	Poisons.	Injuries.	Other local diseases.	Total.
61	...	211	27	25	...	24	3	163	170	209	2	56	290	2,764
79	...	238	13	17	...	15	3	177	148	107	5	57	294	2,416
73	...	185	18	19	...	13	2	189	201	215	...	62	335	2,964
98	...	105	32	19	2	14	...	173	188	189	2	72	327	2,811
91	1	86	33	24	...	28	6	217	187	234	7	101	388	2,547
109	...	64	33	17	...	33	4	237	217	262	5	92	420	2,598
123	...	91	82	26	...	28	2	372	281	355	8	78	426	3,292
125	...	73	189	21	...	18	2	403	345	462	2	91	346	4,101
118	...	72	62	30	...	38	2	351	268	369	6	95	273	3,527
93	...	74	40	24	...	34	5	260	193	324	7	65	275	3,233
89	1	153	47	14	...	33	3	223	159	248	2	64	248	3,036
75	4	244	18	32	...	36	2	195	160	259	2	45	278	2,897
1,134	6	1,596	594	268	2	314	34	2,960	2,517	3,323	48	878	3,900	36,186
3'13	'02	4'41	1'64	'74	'01	'87	'09	8'18	6'96	9'18	'13	2'43	10'78	100



*Return of patients treated in the Branch*

GENERAL DISEASES.														
Months.	GROUP A.							GROUP B.	GROUP C.	GROUP D.				
	Small-pox.	Cholera.	Dysentery.	Malarial fever.	Syphilitic affections.	Gonorrhœa and its complications.	Other diseases of this order.	Worms.	Debility.	Rheumatic affections.	Tubercular.	Leprosy.	All other general disease.	Diseases of the eye.
January . .	...	...	88	636	20	25	2	11	2	58	...	...	35	89
February . .	...	...	59	524	24	27	4	7	1	53	1	2	42	93
March . .	...	...	52	402	22	29	6	8	3	43	2	1	34	118
April . .	...	1	39	390	19	25	6	11	5	52	...	1	46	109
May . .	...	28	43	382	28	29	3	8	8	41	...	...	6	121
June . .	...	25	65	443	19	21	4	12	6	46	...	...	5	116
July . .	...	...	52	402	24	23	9	12	6	37	...	...	6	95
August . .	...	...	64	414	16	22	9	12	8	37	1	...	7	104
September . .	...	...	55	450	27	27	8	16	7	42	...	...	4	90
October . .	...	...	53	475	15	35	7	14	4	30	...	...	5	62
November . .	...	...	48	478	17	20	6	9	7	24	...	...	5	75
December . .	...	...	56	462	22	21	5	11	6	23	...	...	6	68
Total . .	...	54	674	5,458	253	304	69	131	63	486	4	4	201	1,140
Percentage . .	...	32	406	3282	153	183	42	79	38	292	02	02	121	686

*Dispensary, Deolia, from 1891 to 1895.*

LOCAL DISEASES.														
GROUP E.														
Diseases of the ear.	Diseases of the circulatory system.	Diseases of the respiratory system.	Diarrhœa.	Diseases of liver.	Goitre.	Diseases of spleen.	Diseases of the generative system.	Diseases of the connective tissue.	Diseases of the skin.	Ulcers.	Poisons.	Injuries.	Other local diseases.	Total.
25	...	173	21	7	...	29	21	36	107	129	2	24	109	1,649
34	1	133	22	6	...	22	2	29	120	136	1	25	158	1,526
39	1	111	27	9	...	17	5	34	128	139	4	33	111	1,378
38	2	78	24	11	...	20	3	37	143	122	2	31	160	1,375
42	2	99	36	9	...	11	3	53	170	124	1	21	163	1,431
52	...	133	25	13	..	12	5	41	122	129	...	18	128	1,440
26	1	103	23	14	...	17	8	40	118	150	3	30	143	1,342
34	1	98	26	11	...	18	9	42	129	148	2	31	127	1,370
26	...	100	20	11	...	16	5	36	101	146	1	19	134	1,341
21	1	98	17	9	...	15	6	26	105	108	2	21	127	1,256
24	1	118	21	6	...	16	3	41	91	130	1	18	96	1,255
32	...	123	14	4	...	12	3	38	93	141	2	16	100	1,258
393	10	1,367	276	110	...	205	73	453	1,427	1,602	21	287	1,556	16,621
2'36	'06	8'22	1'66	'66	...	1'23	'44	2'73	8'59	0'64	'13	1'73	0'36	100

## MAJOR SURGICAL OPERATIONS.

The following summary of major surgical operations done in the Ajmere Dispensary is for the 20 years, 1876 to 1895 :—

Two thousand and seventy-seven major surgical operations were performed in the Ajmere Dispensary during 20 years, from 1876 to 1895. The highest number, *viz.*, 197, was in 1895 and the lowest *viz.*, 19, in 1876.

**REMOVAL OF TUMOURS.**—Two hundred and twenty-six operations were performed for tumours, of which 17 were cancers. Of this number five were cancer of breast, two of the eyebrow, and the rest on other parts of the body. Of operations on tumours those for cancer were the least frequent.

**LARGE ABSCESS.**—Large and deep seated abscesses were opened in 99 cases only.

**EYE OPERATIONS.**—Seven hundred and sixty-two operations were performed for eye diseases, of which 544 were extraction of lens for cataract, 88 for iridectomies preliminary to cataract operations, and 66 iridectomies for opacity of cornea and glaucoma. In 1895 the largest number of lenses were extracted, *viz.*, 64, and of the 88 iridectomies, performed as preliminary to cataract operation, 66 were performed in 1895.

**OPERATIONS ON THE EAR.**—Only 7 operations on the ear were performed during 20 years, *viz.*, 5 for the extraction of foreign bodies and polypus of the ear.

**OPERATIONS ON THE NOSE.**—There were 21 operations performed under this head of which 10 were for restoration of the nose ; the rest were not very important ones.

**OPERATIONS ON OTHER PARTS OF THE HEAD AND FACE INCLUDING MOUTH.**—This heading gives only two cases of harelip.

**OPERATIONS ON ARTERIES.**—Ligature of the femoral artery for lacerated wound of the thigh was done in 3 cases only.

**OPERATIONS ON THE DIGESTIVE ORGANS.**—Seventy-six operations were performed, out of which paracentesis of the abdomen for ascites was performed in 63 cases, 7 persons were operated on for fistula in ano, and 3 each for hæmorrhoids and imperforate anus. Under this head ascites was the most common cause for operation.

**OPERATIONS FOR HERNIA.**—Seven persons suffering from strangulated hernia were operated on during the 20 years.

**OPERATIONS ON THE URINARY ORGANS.**—One hundred and ninety-five persons were operated on for diseases under this head, of which operations for stone were done in 177 cases. Perineal section was done in 6 cases for stricture of the urethra, and in 3 cases for perineal fistula.

Internal urethrotomy was performed in 6 cases, and external urethrotomy in one case, and paracentesis of the bladder through the rectum was done in 2 cases for retention of urine.

**OPERATIONS ON THE MALE GENERATIVE ORGANS.**—The penis was amputated for cancer in 9 cases during 20 years, 3 cases came for hypospadias, in which a new urethra was formed, one in 1882, and two in 1885.

Nineteen operations were performed for hydrocele, *viz.*, 9 in 1893, 5 in 1894, 3 in 1877 and one each in 1876 and 1886.



OPERATIONS ON THE FEMALE GENERATIVE ORGANS.—Twenty-four operations were performed under this head, *viz.*, 2 for imperforate vagina, 1 for recto-vaginal fistula, with abscess of anus, 1 for arm presentation, 10 for foetal remains and 10 for difficult labour.

OPERATIONS ON BONES AND JOINTS.—Operations or setting fractures were done in 109 cases, and 295 dislocations of different joints were reduced ; 35 cases were operated on for necrosis of bones.

OPERATIONS ON LIMBS. AMPUTATIONS—One hundred and seventy-five amputations of limbs were done in 20 years, of which legs were amputated in 66 cases, fingers and toes in 53, foot in 24 cases, arm in 20 cases, and thigh in 12 cases, mostly for mycetoma and gangrene.

### MEDICAL CASES.

SMALL-POX.—From 1876 to 1895 the small-pox cases, which attended the Ajmere Charitable Dispensary, numbered 153 only, and the number of deaths registered in the city from this disease was 799, giving a yearly average of 39.95 deaths.

The years 1884 and 1886 were the most fatal, next to which were the years 1887, 1892, 1885, 1883, and 1891 respectively. Very few cases of small-pox are treated at the dispensaries. Owing to religious prejudices people do not like to undergo medical treatment for this disease. Before the introduction of vaccination, this disease was very prevalent in epidemic form, and the people generally objected strongly to vaccination. But of late years vaccination operations have increased very much both in the city and the district. Many people in the city are now well acquainted with the advantages of vaccination, and do not oppose it as much as was done previously. Since 1895, the Vaccination Act has been made compulsory in Ajmere City.

The following is taken from Dr. Irvine's book on the General and Medical Topography of Ajmere, published in 1841, page 115 :—

"Small-pox often becomes epidemic in the district, and is exceedingly severe and fatal especially at Ajmere ; it generally appears about the beginning of the hot weather, is most severe when the weather is the hottest, and declines as the rains advance. Every fourth or fifth year the disease breaks out more severely, becoming a dreadful scourge, so much so, as to be a great check on the population."

Dr. Irvine used every effort to introduce and keep up vaccination, but found it almost impossible to keep up a supply of fresh lymph owing to the prejudice of the people against vaccination.

At page 116 of his book Dr. Irvine writes :—

"Last season (1840), in Ajmere alone 1,900 children died of this scourge. The ravages of the disease are visible in almost every face met with, and the number of wholly blind and one-eyed people from this cause is very great," and at page 154 :—

"The small-pox has the greatest effect in depressing longevity by carrying off thousands

*Mortality table of Small-pox, 1876 to 1895, Ajmere City.*

	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	20 years.	Mean.	Order of months in fatality.
January	...	92	...	...	26	...	...	7	...	...	7	1	...	72	...	1	159	...	33	...	398	19'90	2
February	...	61	6	...	44	2	...	5	...	1	1	...	1	40	1	...	12	5	26	3	208	10'40	6
March	...	74	12	...	34	...	...	9	...	17	1	...	1	16	2	...	10	3	29	2	213	10'05	5
April	...	66	51	2	23	2	6	3	...	30	5	...	6	8	1	1	3	...	13	10	253	12'05	4
May	...	19	27	4	8	...	3	4	1	68	7	2	41	6	2	...	4	4	4	27	270	13'50	3
June	...	2	11	5	4	...	15	1	14	43	6	...	38	1	1	1	2	2	...	7	170	8'50	7
July	...	...	2	4	1	...	1	...	24	8	...	...	15	...	...	3	5	4	...	9	96	4'80	8
August	...	5	1	1	...	...	3	...	...	10	1	...	6	...	...	8	1	1	1	7	45	2'25	10
September	...	6	...	...	...	...	...	...	...	2	...	...	3	1	...	3	2	1	...	1	19	0'95	11
October	...	...	...	1	...	...	...	...	...	3	...	...	2	...	...	4	...	1	...	4	17	0'85	12
November	...	...	...	...	...	...	...	...	...	2	...	...	7	...	...	59	...	1	...	3	78	3'90	9
December	...	...	...	12	...	...	9	...	...	8	...	...	47	...	...	277	...	12	...	55	447	22'35	1
Total	...	148	314	29	140	4	37	29	39	192	28	3	167	144	7	357	198	34	106	128	2,214	110'70	

both in infancy, and from eight to twenty-two years of age ; to this latter cause the small population may be mainly attributed."

**DYSENTERY.**—Seven hundred and seventy-five cases of dysentery were treated in the Ajmere Dispensary in 20 years, or an average of 353 per annum. Most of them occurred in August, and the least in February.

**MALARIAL FEVER.**—Forty-three thousand seven hundred and sixty-seven cases were treated in the Ajmere Dispensary from 1876 to 1895, or an average of 2186·36 per annum. Most of the cases attended the Dispensary in October and November, and the least in February and June. Fever generally prevails as soon as the rainy season is over. During 20 years, 12,560 deaths from fever were registered in Ajmere, giving an average of 628 deaths per annum. The year 1895 was the most fatal, and 1887 the least.

When fever occurs to any extent in the district, fever pills are distributed in the affected villages through the District Superintendent of Police.

**SYPHILIS.**—Nine thousand one hundred and fifty-two persons were treated for syphilitic affections during 20 years with a percentage of 2·52 cases among the total number of persons treated in the Dispensary from 1876 to 1895. Most of the cases came for medical treatment during June.

**GONORRHOEA.**—Gonorrhœal diseases accounted for 7,676 persons who came for medical aid.

**WORMS.**—Persons suffering from intestinal worms numbered 3,526, or an average of 176 per annum.

**DEBILITY.**—Debility caused an admission of 1,738 cases during 20 years.

**RHEUMATISM.**—Rheumatic affections were very common in April, May, June and July and the persons treated for this disease during the 20 years numbered 14,530.

**TUBERCULAR AFFECTIONS.**—Tubercular affections caused an admission of 1,769 cases with an annual average of 884·5 cases. They were mostly seen in March and August.

**LEPROSY.**—In 20 years, 731 persons were treated for leprosy. This disease is not very common in Ajmere.

**EYE DISEASES.**—The diseases under this head gave 26,632 cases. Most of the cases of eye disease occurred in April, August and September. They are very common among children and young men.

**DISEASES OF THE EAR.**—Otorrhœa caused 16,935 admissions, of which the largest number was treated in August, and the least in February. The average admission per annum for diseases of the ear is 846.

**DISEASES OF THE CIRCULATORY SYSTEM.**—There were altogether 1,642 persons treated for these complaints. Most of the cases received treatment in June and September, and then from January to March.



CARDIAC DISEASES.—Are not very common.

DISEASES OF THE RESPIRATORY SYSTEM.—The months of November, December, January, February and March brought the largest number of such cases. They are common in the winter season.

PNEUMONIA.—Caused the highest admissions, but not in an epidemic form.

DIARRHŒA.—Seven thousand six hundred and ninety-six persons were treated for diarrhœa; the largest number was admitted in August, and the least in February.

DISEASES OF THE LIVER.—Liver diseases caused an admission of 1,133 cases only, with a percentage of .31 only among the total number of patients treated for all diseases from 1876 to 1895.

GOITRE.—Goitre is most rare, only 6 cases attended the Dispensary during 20 years.

DISEASES OF THE SPLEEN.—Splenic complaints caused an admission of 3,358 cases. Most of the cases were admitted in January, June, July and October.

DISEASES OF THE GENERATIVE SYSTEM.—Diseases under this head brought 1,097 cases for treatment.

DISEASES OF THE CONNECTIVE TISSUE.—34,379 persons were treated, with an annual average of 1,719 cases.

DISEASES OF THE SKIN.—Skin diseases caused an admission of 34,762 cases, with a percentage of 9.56 among the total number of patients treated during 20 years, the average annual admission being 1,738.

ULCERS.—Medical aid was given to 38,461 sufferers from ulcers during 20 years, the percentage to other diseases being 10.57. People generally suffer from ulcers during the rainy season in Ajmere.

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*Mortality Table, Ajmere City, 1876 to 1895.*

YEARS.	DEATHS FROM										Population.	Number of deaths per million.	REMARKS.
	Cholera.	Small-pox.	Fever.	Bowel complaint.	Accident.	Snake bite.	Suicide.	Wounds.	All other causes.	Total.			
1876	...	148	510	219	14	1	...	...	387	1,279	31,583.	40'50	Census of 1876.
1877	...	314	457	187	15	...	...	...	334	1,307		41'38	
1878	36	110	865	310	12	1	...	...	459	1,793		56'77	
1879	15	29	845	205	35	3	...	...	320	1,452		45'97	
1880	...	140	608	263	8	1	2	...	227	1,249		39'55	
1881	15	4	605	64	1	...	...	...	26	715		14'55	
1882	58	37	434	24	...	...	...	...	14	567	49,151.	11'54	Census of 1881.
1883	50	29	293	58	3	...	...	...	20	453		9'22	
1884	166	39	572	220	9	2	...	...	174	1,182		24'05	
1885	63	192	616	273	23	5	...	...	179	1,351		27'49	
1886	110	28	303	188	3	1	6	...	100	739		15'04	
1887	91	3	257	161	10	1	4	...	63	590		12'00	
1888	13	167	497	177	53	2	3	...	117	1,029	68,843.	20'94	Census of 1891.
1889	29	144	589	137	69	3	1	...	298	1,270		25'84	
1890	1	7	516	129	61	2	7	...	185	908		18'47	
1891	47	357	684	221	170	2	...	...	226	1,707		24'80	
1892	86	198	1,036	469	271	...	3	...	333	2,396		34'80	
1893	...	34	839	135	102	...	2	...	414	1,526		22'17	
1894	...	106	902	173	82	4	2	...	436	1,705		24'77	
1895	19	128	1,132	177	196	5	1	...	520	2,178		31'64	
Total	799	2,214	12,560	3,790	1,137	33	31	...	4,832	25,396		368'90	Census of 1891.
Average.	39'95	110'70	628'00	189'50	56'85	1'65	1'55	...	241'60	1,269'80		18.44	

## HEALTH OF EACH MONTH.

**JANUARY.**—This month stands third in point of death-rate and eleventh in prevalence of diseases. Amongst the patients who attended the dispensary for different complaints, ulcers and diseases of the respiratory system were most common, followed by malarial fever. The month is the coldest in the year.

**FEBRUARY.**—February comes eleventh with respect to mortality and twelfth in point of prevalence of sickness. Respiratory affections are a little less than in January. Skin diseases give the largest admissions amongst the total number of patients treated in the dispensary, during this month. Fever, dysentery and diarrhœa are less than in last month.

**MARCH.**—March is the least fatal month, and as regards sickness it stands ninth.

Skin diseases and fevers are most common in this month, in proportion to the total number of patients treated for all diseases.

**APRIL.**—Is ninth in order of mortality and eighth in point of sickness. Skin diseases give the highest rate of attendance, next to which stand diseases of the eye, followed by fever.

**MAY.**—May is fourth in the frequency of mortality and sixth in sickness.

Fever, eye diseases, diseases of the skin and ulcers give the largest number of attendances in the dispensary.

**JUNE.**—This month stands tenth in point of mortality and fifth as regards prevalence of diseases.

It comes eleventh with respect to the prevalence of malaria, skin diseases and ulcers, and diseases of the connective tissue which cause high rates of attendance.

**JULY.**—Comes eighth in regard to mortality and fourth in point of sickness.

Rheumatism was less frequent than in the preceding three months, but more general than throughout the rest of the months in the year. Dysentery and diarrhœa gave a higher rate of attendance than in the preceding months.

**AUGUST.**—August is fourth in point of death-rate, and the most unhealthy month throughout the year in regard to the prevalence of disease.

Ulcers, diseases of the skin, diseases of the connective tissue, eye diseases and fever are general.

**SEPTEMBER.**—The mortality of this month stands next to August, being seventh, but stands third as regards sickness. Malarial fever is more prevalent than in any of the preceding months, and gives the largest admissions in proportion to the total attendance.

**OCTOBER.**—Comes fifth as regards mortality and second in point of sickness. Fever is more frequent than during the rest of the months throughout the year—it gave the highest number of admissions amongst the total number of patients treated.

Dysentery and diarrhœa were not so frequent.



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NOVEMBER.—November is the second most fatal of the months, but stands seventh in point of prevalence of diseases.

With regard to the prevalence of malaria and diseases of the respiratory system, it stands second.

DECEMBER.—December has the highest mortality and stands tenth on the list as regards sickness. Respiratory affections and fever give a larger number of attendance than any other disease.

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*Monthly Mortality from all Diseases in Ajmere, from 1876 to 1895.*

NAMES.	1876	1877	1878	1879	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	1890	1891	1892	1893	1894	1895	Total, 20 years	Mean.	Percentage to total mortality.
January . . .	134	176	139	101	212	86	42	39	46	107	82	30	48	186	101	71	322	128	252	123	2,425	121'25	955
February . . .	139	145	78	69	223	86	25	31	31	103	44	32	31	126	76	70	91	131	171	110	1,812	90'60	7'14
March . . .	83	162	109	57	174	64	32	26	39	101	54	30	37	101	133	51	109	103	142	170	1,777	88'85	7'00
April . . .	113	157	146	83	132	70	59	20	37	147	50	38	42	86	71	47	137	112	160	188	1,895	94'75	7'46
May . . .	124	89	132	99	72	41	48	24	54	201	76	36	127	104	68	134	148	93	155	274	2,009	104'95	8'27
June . . .	101	92	156	84	56	38	90	24	61	156	51	30	112	90	38	91	295	95	83	133	1,876	93'80	7'39
July . . .	90	57	151	71	74	27	59	35	318	119	42	94	99	113	61	69	116	110	89	159	1,953	97'65	7'69
August . . .	106	73	166	82	57	76	49	88	182	106	40	59	91	89	66	143	147	114	145	171	2,050	102'45	8'07
September . . .	101	57	192	100	50	87	37	57	125	60	28	49	92	77	59	141	225	153	131	166	1,987	99'35	7'82
October . . .	83	58	165	196	54	50	39	38	103	55	40	73	96	91	74	152	320	149	102	151	2,089	104'45	8'23
November . . .	81	104	191	230	61	52	31	28	78	71	188	62	86	116	73	194	264	163	125	258	2,456	122'80	9'67
December . . .	124	137	168	280	84	38	56	43	108	125	44	57	168	91	88	544	222	175	150	275	2,977	148'85	11'72
Total . . .	1,279	1,307	1,793	1,452	1,249	715	567	453	1,182	1,351	739	590	1,029	1,270	908	1,707	2,396	1,526	1,705	2,178	25,396	1,269'75	...

*Remarks on the General Health of Ajmere City with Notes on the prevailing Diseases from 1876 to 1895.*

1876.—Taking the census figures of 1876, the death-rate for this year was 40·50 per 1,000 of population in Ajmere City.

The city was quite free from cholera, but 148 individuals died from small-pox, 510 from fevers, and 219 from bowel complaints. Rainfall, 24·09 inches.

1877.—This year was very similar to 1876 in regard to the death-rate, which was 41·38 per 1,000, or '88 more than in 1876.

Small-pox was more prevalent than in last year carrying off 314 persons against 148, while deaths from fevers and bowel complaints showed some decrease. Rainfall, 11·76 inches.

1878.—This year was very unhealthy, the mortality being 56·77 per 1,000 of population. The high rate of mortality was caused chiefly by fevers—865 deaths were reported from fever, 310 from bowel complaints, 110 from small-pox, and 36 from cholera. Small-pox was much less than in the previous two years. Rainfall, 31·05 inches.

1879.—In 1879 the death-rate fell from 56·77 to 45·97. There were 15 fatal cases from cholera and 29 from small-pox, against 15 and 29, respectively, in last year. Malarial fevers were very prevalent as in 1878. Rainfall, 27·5 inches.

1880.—The year was healthy, the death-rate being 39·55 or 6·42 less than in last year, and 17·22 less than in 1878. There were no cases of cholera. Small-pox increased much, the fatal cases being 140 against 29 in 1879. Malarial fevers were much less than in the previous year. Rainfall, 18·45 inches.

1881.—According to the census of 1881, the population of Ajmere amounted to 49,151 against 31,583 in 1871, and on this calculation the death-rate was only 14·55 per 1,000, which shows the year to be a healthy one. The registration of vital statistics was not altogether reliable; 15 fatal cases from cholera were reported during the year. Small-pox nearly died out; 4 deaths only were reported. Deaths from fever were similar to those in 1880. Rainfall, 21·30 inches.

1882.—Deaths from cholera and small-pox increased, but those from fever decreased. The death-rate was only 11·54. Rainfall, 27·24 inches.

1883.—According to the figures of registration, the year was most healthy, the death-rate being 9·22 per 1,000.

Deaths from fever decreased from 434 to 295. There was no marked decrease in cholera and small-pox. Rainfall, 17·40 inches.

1884.—The death-rate was 24·05 against 9·22 in 1883. There was a marked increase in deaths reported from cholera, fever and bowel complaints, the fatal cases registered being 166, 572 and 220, respectively, against 50, 295 and 58, respectively, in last year. Rainfall, 27·04 inches.



1885.—The death-rate increased from 24·05 to 27·49. Fatal cases of cholera decreased from 166 to 63, but deaths from small-pox, fevers and bowel complaints increased from 39, 572 and 220, respectively, in 1884 to 192, 616 and 273 during the year. On the whole the number of deaths registered was larger than in the preceding year. Rainfall, 24·77 inches.

1886.—The death-rate shows a great decrease, being 15·04 against 27·49 in 1885. This year small-pox decreased very much; the number of fatal cases reported was 28 against 192 in 1895. Cholera increased to a certain extent, reporting 110 deaths against 63 in last year. Deaths from fevers and bowel complaints also show marked decrease. Rainfall, 15·34 inches.

1887.—The death-rate was 12·00, which shows the year to have been a very healthy one. All the principal causes of deaths show decrease. Rainfall, 21·93 inches.

1888.—The death-rate was much higher than in 1887, being 20·94. An epidemic of small-pox prevailed to a great extent; 167 fatal cases were reported against 3 in the preceding year. Fever and bowel complaints also increased, but cholera was very much less, *viz.*, 13 against 91 in 1887. Rainfall, 24·42 inches.

1889.—The death-rate was the highest since 1881, being 25·84.

Deaths from small-pox and bowel complaints decreased from 167 and 177 to 144 and 137, respectively, but those from cholera and fevers increased from 13 and 497 to 29 and 589, respectively. Rainfall, 25·17 inches.

1890.—The death-rate decreased from 25·84 to 18·47.

Only one death from cholera and seven from small-pox were reported this year, against 29 and 144, respectively, in last year. Rainfall, 14·55 inches.

1891.—According to the census of 1891 the population of Ajmere was estimated at 68,843 against 49,151 in 1881.

The death-rate was 24·80. Small-pox prevailed in an epidemic form accounting for 357 deaths against 7 in 1890. Cholera deaths increased from 1 to 47. Rainfall, 8·93 inches.

1892.—The death-rate rose from 24·80 to 34·80.

Small-pox decreased much; this year there were 198 fatal cases, against 357 in 1891.

Cholera increased from 47 to 861; it was in an epidemic form in June. Out of 86 deaths during the year, 67 occurred in June. Fever also was very prevalent; 1,036 persons died from fever against 684 in 1891. Deaths from bowel complaints were more than double the number in last year. Rainfall, 20·87 inches.

1893.—The death-rate decreased from 34·80 to 22·17.

No cholera cases occurred this year. Fatal cases of small-pox were far less than last year, the figures for 1892 and 1893 being 198 and 34, respectively.

Deaths from bowel complaints were reduced from 469 to 135, and those from fever from 1,036 to 839. The year was very healthy. Rainfall, 32·83 inches.

1894.—The death-rate was 24·77 against 22·17 in 1893.

No cholera cases occurred. Deaths from small-pox increased from 34 to 106. All the other principal diseases show an increase to some extent. Rainfall, 26·99 inches.

1895.—The death-rate shows an increase of 6·87 as compared with last year.

Nineteen fatal cases of cholera occurred this year, while no cases occurred during the last two years. Of these cases, 11 were reported in May and 8 in November. Cases of malarial fever were more numerous than in 1894, the deaths reported being 1132 against 902 last year. Deaths from small-pox increased from 106 to 128. Rainfall, 4·43 inches.

The following table shows the orders of the months as regards conception and birth.—

IN AJMERE CITY.

Order.	Birth.	Order.	Conception.
1	November.	1	February.
2	October.	2	January.
3	September.	3	December.
4	August.	4	November.
5	December.	5	March.
6	July.	6	October.
7	January.	7	April.
8	May.	8	August.
9	June.	9	September.
10	March.	10	June.
11	April.	11	July.
12	February.	12	May.

The above table bears a strong resemblance to a similar table, originally drawn up by Colonel T. H. Hendley, C.I.E., regarding births and conception at Jeypore, and leads one to believe from the constancy and uniformity of the months in the position they are placed in the table, that the above results obtain throughout Rajputana. Dr. Hendley summarises the causes of the above results as follows:—

1. Vitality is higher in both males and females in December and January, and in the two months preceding and following those months.

2. In the cold season the food is richer, stronger and more stimulating.

3. Girls are more often sent to their husbands' homes in the winter than at other seasons.

4. Women are less troubled with menstrual disorders in the winter than in the summer.

5. The shastras or sacred writings enjoin comparative sexual abstinence during the hot season, and advise that extra and stronger food be used in the winter to build up the strength against the coming hot season.

6. Food is more abundant in the winter; expensive weddings are rare.

7. There are several large festivals in the winter in Rajputana at which time fathers and sons make their best endeavour to visit their homes from distant parts where they are engaged in trade.

*Birth rate of Ajmere City from 1885 to 1895.*

Months.	1884		1885		1886		1887		1888		1889		1890		1891		1892		1893		1894		1895		Total.		Average.		Conception.		Birth.		
	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b	a	b			
January	7	45	2	119	3	54	6	34	10	21	9	56	5	66	9	50	9	87	6	114	1	164	11	154	...	964	7	80	33	1	February	1	November
February	9	26	8	90	12	39	7	27	11	19	10	55	6	62	10	42	12	59	8	98	11	109	12	148	...	774	12	64	50	2	January	2	October
March	8	43	11	66	4	53	12	20	9	45	12	31	12	40	8	51	11	65	9	96	6	153	5	227	...	890	10	74	17	3	December	3	September
April	11	21	11	66	11	41	9	22	12	14	11	54	9	48	12	37	6	109	7	104	12	103	7	221	...	840	11	70	00	4	November	4	August
May	12	15	9	81	5	51	11	21	8	66	3	95	9	48	11	39	10	86	11	79	7	137	8	217	...	955	8	77	92	5	March	5	December
June	10	23	7	93	9	43	9	22	7	70	8	72	11	41	7	58	7	106	12	72	10	121	10	181	...	902	9	75	17	6	October	6	July
July	3	97	4	109	9	43	7	27	5	75	5	90	3	83	6	95	8	102	10	94	9	134	4	231	...	1,180	6	98	33	7	April	7	January
August	6	81	1	122	7	47	5	38	1	107	4	94	3	83	4	152	4	118	5	161	7	137	2	252	...	1,392	4	116	00	8	August	8	May
September	4	94	5	105	8	46	4	45	6	74	2	100	1	96	1	205	5	116	2	221	1	164	6	223	...	1,489	3	124	08	9	September	9	June
October	1	108	3	113	2	57	2	55	3	86	6	86	2	88	5	142	2	164	4	174	3	162	1	253	...	1,491	2	124	25	10	June	10	March
November	5	83	6	94	1	62	1	71	2	90	1	107	7	59	3	156	3	147	1	339	4	155	3	238	...	1,601	1	133	42	11	July	11	April
December	2	105	10	79	5	51	2	55	4	78	7	85	8	55	2	162	1	167	3	182	4	155	9	205	...	1,379	5	114	92	12	May	12	February
TOTAL	...	741	...	1,137	...	587	...	437	...	748	...	925	...	769	...	1,189	...	1,326	...	1,734	...	1,694	...	2,580	...	13,837	...	...	...	...	...	...	...

a.—Order of months.

b.—Order of births.



## CHOLERA.

From the mortality table of cholera from 1876 to 1895 it will be noted that the whole of the Ajmere District was free from cholera in 1894, and there were no cholera cases in the City of Ajmere during 1876, 1877, 1880, 1893 and 1894.

The following is a brief account, of cholera occurring in the Ajmere District since 1876.

1876. There were no cholera cases in the City, fifteen deaths were reported from the District, of which 11 occurred in May, 2 in September and one each in April and June.

1877. No cases in Ajmere City. Only 1 death reported in the District from the Goela circle during May.

1878. There were in all 198 fatal cases, of which 36 were in Ajmere City and the rest 162 from the District. The largest number, *viz.*, 61 occurred in the Sawar circle.

Out of 36 deaths in the city, 17 occurred in September, 15 in August, 2 in July and 1 each in April and May. In the District, July stood first, in which 56 deaths occurred, next to which was September, in which 48 deaths were reported. March was the least fatal, in which only 1 case was noted. January, October, November and December were free from it.

1879. There were 15 deaths in the City, and 120 in the District, total being 135.

Out of 15 deaths in the city, the largest number, *viz.*, 5 reported in April and the least *viz.*, 1 in December. No cases occurred from January to March and from August to November.

In the District the largest number of deaths, *viz.*, 50 was reported in May. No cases were reported in January, March and from September to November.

1880. No cases occurred in the City during this year, and only 3 deaths were reported from the District, 1 each during April, May and August.

1881. Fifteen cases occurred in the City and one in the District; there were 7 in September, 6 in August, 2 in October and 1 in June.

1882. The total number of deaths reported was 281, of which 58 were recorded in the City.

August was the most fatal month.

1883. There were 84 fatal cases, *viz.*, 50 in the City and 34 in the District. In the City, 36 cases were reported in August, 9 in July and 5 in September.

1884. One hundred and sixty-six deaths in the City, 41 in the District ; the total number of deaths reported was 207. The disease lasted from May to September, the largest number of cases in one month (128) was in July and the least in May. In the City the number of deaths reported was as follows :—

May	.	.	.	.	.	.	.	.	.	.	.	1
June	.	.	.	.	.	.	.	.	.	.	.	3
July	.	.	.	.	.	.	.	.	.	.	.	114
August	.	.	.	.	.	.	.	.	.	.	.	43
September	.	.	.	.	.	.	.	.	.	.	.	5

1885. Cholera appeared on 3rd April and continued till 31st August, during which period 100 deaths were reported of which 63 occurred in the City. It broke out in the City in travellers who arrived in Ajmere by Railway from Ujjain, where a very severe epidemic of cholera had been raging previously.

1886. In this year 731 deaths occurred, of which 719 were reported in November, in December and one each in April and May. Of the total number reported there were 110 in Ajmere, *viz.*, 107 in November, 1 each in April, May and December.

On the 29th April one fatal case occurred in the person of a Eurasian who lived near the Kaisarganj ; the second fatal case occurred on the 23rd May in a Native woman living in the city near the magazine. Ajmere was altogether free from cholera until the opening of the Pushkar Fair, where the disease made its appearance on the 9th November afterwards spreading to the city of Ajmere and its suburbs, and in a few days becoming general throughout the whole district.

1887. Ninety-one deaths in Ajmere and 245 in the District, total being 336.

Out of the 91 deaths in the City, 56 occurred in July, 20 in August, 13 in June, and 2 in September.

Cholera broke out in the City on 14th June and lasted till the 15th September.

In the District the largest numbers of deaths were reported in July, the fatal cases being 106 and the least, *viz.*, 3 in October. The disease lasted from June to October.

1888. In this year only 13 fatal cases, *viz.*, one in April, 9 in August and 3 in September, were reported in the City, the District was altogether free from cholera.

1889. There were 29 deaths in the City and 26 in the District.

Cholera made its first appearance in the city on 7th June and lasted till 26th July. Three deaths were reported in June and 26 in July.

In the District there were 10 cases in July and 16 in August.

1890. In the City there were no deaths from cholera with the exception of one in August.

Cholera prevailed in a very severe epidemic form in the District, more especially in Bhinai, Kekri, Sawyer and Goella villages where it was rife in June. The disease was imported into Kekri from Sapla, a village in the Kishengarh State, where, in the month of May there had been a Saraogi Fair. The month of June was the most fatal—330 deaths out of 387 occurred in this month in the District.

1891. During this year 532 deaths occurred, of which 47 were reported in the City and 485 in the District. The disease lasted from 2nd June to 12th November, the highest mortality, *viz.*, 202, was in August and the least 5, *viz.*, in November. The largest number of deaths was reported in Srinagar villages and Nasirabad Town, the fatal cases reported being 136 and 123, respectively.

1892. Cholera made its appearance in an epidemic form in the whole District and lasted from April till August. There were altogether 1,835 deaths including those in the City. Of these Bhinai villages gave the largest number, 342. Next to Bhinai the epidemic was unusually severe in Ajmere Rural District, Kekri Rural District, Manglaivas, Ghegal, Sawyer, Srinagar and Masuda villages.

Out of 1,835 deaths only 86 occurred in the City and the rest 1,749 in the District. In the City 67 deaths were reported in June, 9 in May, 7 in April, and 3 in July, while in the District the fatal cases reported were 883 in June, 534 in May, 270 in July, 56 in April, and 6 in August. June was the most fatal month during the year, May being the next worse. The first case in Ajmere City was on the 4th April, in a Mussalman, in Kaisarganj; it did not transpire where the man came from. Of 12 cases attacked in April, 5 were travellers. Cases were reported as coming from Patiala, Gangar and Kishengarh. The first case in the City occurred on the 4th April and the last on the 16th July. There were, during this period, 156 cases and 86 deaths.

1893. No cases occurred in the city, and 3 deaths were reported in the district, one in April and 2 in May.

1894. This year was altogether free from cholera.

1895. Two hundred and eighty-six deaths were reported during this year, of which 19 occurred in the City, *viz.*, 11 in May and 8 in November, and the rest of the 267 deaths occurred in the District, of which 76 were reported in May, 146 in June, 6 in July, and 29 in November. Cholera broke out in May and lasted till July, during which period 249 deaths were reported, *viz.*, 11 in the City and 238 in the District. After the lapse of three months it again made its appearance in November, commencing on the 3rd and lasting till the 30th, during which time 37 deaths were reported, *viz.*, 8 in the City and 29 in the District.

It has been repeatedly noted that cholera does not commence so far as is known *de novo* in Ajmere or in the district, but comes from outside, and the most common sources are large fairs, notably those of Pushkar and Hardwar.



Dr. Irvine, in his book before quoted, at page 119, notes :—

“Common bilious cholera is not unfrequent during the hot season when melons and cucumbers are abundantly consumed, and is generally easily cured.”

It is doubtful if this was true cholera, the disease being most probably diarrhoea and dyspepsia. Further on he says :—“Spasmodic cholera appears about once every 7 or 8 years in this district, while the neighbouring countries of Kotah and Boondi and Meywar are almost annually liable to its severest visitations.”

CHOLERA EPIDEMICS. Particular attention is paid to the instructions contained in Government of India, Home Department, Circular No.  $\frac{5 \text{ San.}}{148-157}$ , dated 28th August 1893, to conduct investigations on the occurrence of a cholera epidemic, and the following points are noted :—

1. The history of cholera during the last few years.
2. The date on which the first case occurred.
3. The source and probable cause of the disease, subsequent circumstances leading to the progress, fall, and disappearance.
4. Whether the disease was imported from some other place, if so, whence ?
5. The number of towns and villages attacked.
6. The number that escaped.
7. Distribution of disease by locality.
8. The sanitary condition of the place, mentioning drainage, conservancy, water-supply, food, clothing, and the degree of overcrowding, if any existed.
9. Conditions of climate at the time.

When cholera breaks out in Ajmere, the District Superintendent of Police is at once asked to instruct the Police Inspector to report to the City Hospital Assistant, all cases of diarrhoea and cholera that may occur daily in the city, and suburbs, of Ajmere, and to take precautions to prohibit the sale of stale meat, rotten fruit, and other such articles of food.

2. A cholera camp is at once opened.
3. Special attention is paid to the sanitation of the place.

4. When cholera prevails in the District, cholera pills are sent to the District Superintendent of Police for distribution in the villages, and all available help is rendered by the local Hospital Assistant. No specific treatment appears to have yielded results better than those obtained by the ordinary treatment of cholera, combined with proper accommodation and good and efficient nursing. The history of the different epidemics goes to show that, at the beginning of the outbreak the mortality is high, the death-rate decreasing as the epidemic goes on, and that towards the end the attacks are milder and the mortality comparatively low.



*Mortality Table, Cholera, 1876 to 1895, Ajmere City.*

Month.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Total, 20 years.	Average.
January .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April .	...	...	1	5	...	...	2	...	...	13	1	...	1	...	...	...	7	...	...	...	30	1'50
May .	...	...	1	2	...	...	...	...	1	24	1	...	...	...	...	...	9	...	...	11	49	2'45
June .	...	...	...	4	...	1	34	...	3	5	...	13	...	3	...	10	67	...	...	...	140	7'00
July .	...	...	2	3	...	...	19	9	114	11	...	56	...	26	...	1	3	...	...	...	244	12'20
August .	...	...	15	...	...	5	3	36	43	9	...	20	9	...	1	8	...	...	...	...	149	7'45
September .	...	...	17	...	...	7	...	5	5	1	...	2	3	...	...	8	...	...	...	...	48	2'40
October .	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	15	...	...	...	...	17	6'85
November .	...	...	...	...	...	...	...	...	...	...	107	...	...	...	...	5	...	...	...	8	120	6'00
December .	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	2	1'10
Total .	...	...	36	15	...	15	58	50	166	63	110	91	13	29	1	47	86	...	...	19	799	



*Mortality Table of Cholera from 1876 to 1895, whole District Ajmere.*

Month.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Total, 20 years.	Average.
January . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February . . .	...	...	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	'25
March . . .	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	'10
April . . .	1	1	17	24	1	...	2	...	...	18	1	...	1	...	...	...	63	1	...	...	130	6'50
May . . .	11	...	10	50	1	...	2	...	2	32	1	...	...	...	32	...	543	2	...	97	783	39'15
June . . .	1	...	33	10	...	1	46	...	5	26	...	41	...	3	330	86	950	...	...	146	1,678	83'90
July . . .	...	...	56	26	...	...	60	9	128	14	...	162	...	36	23	43	273	...	...	6	836	41'80
August . . .	...	...	29	2	1	6	101	60	61	9	...	75	9	16	2	202	6	...	...	...	579	28'90
September . . .	2	...	48	...	...	7	69	15	11	1	...	55	3	...	1	163	...	...	...	...	375	18'75
October . . .	...	...	...	...	...	2	...	...	...	...	...	3	...	...	...	33	...	...	...	...	38	1'90
November . . .	...	...	...	...	...	...	...	...	...	...	718	...	...	...	...	5	...	...	...	37	760	38'00
December . . .	...	...	...	7	...	...	...	...	...	...	11	...	...	...	...	...	...	...	...	...	18	'90
Total . . .	15	1	198	120	3	16	281	84	207	100	731	336	13	55	388	532	1,835	3	...	286	5,204	260'15

## VACCINATION.

Vaccination was established in Ajmere-Merwara in November 1853 by Dr. Lord, who was Civil Surgeon of Ajmere at that time. Dr. Lord applied to the Medical Board for vaccinators, and two were employed on Rs. 10 each. The vaccination operations for the season 1853-54 were performed at the Dispensary and were carried on for five months during which time 127 individuals were vaccinated, of which 37 only were successful. After 1866 vaccination work was carried on in the City from house to house and not at the Hospital, and in 1867 a Native Superintendent was appointed with four vaccinators, paid by Government, and two by the Municipalities of Ajmere and Beawar.

Vaccination work continued to steadily increase year by year, and the number of vaccinators was increased in 1886-87 from six to eleven, with one Native Superintendent which is the present staff.

In October 1895 the Vaccination Act was extended to Ajmere City and Suburbs, and vaccination is now compulsory within the limits of the Ajmere Municipality. The vaccination season begins on the 1st of October and ends on the 31st March. During the season of 1895-96 the number of vaccinations performed in the Ajmere-Merwara District was 15,389, of which 15,147 were successful, giving an average of 98·4 per cent. of successful vaccinations. The average number of operations by each vaccinator was 1,399. The entire cost of all vaccinations for that season was Rs. 1,397, and for each successful case 17 pies.

After the introduction of the Vaccination Act into Ajmere City and Suburbs in 1895, the number of successful cases were more than doubled; during the vaccination season 1894-95, 1,503 individuals were vaccinated in the City and Suburbs, while in 1895-96, the first season after the Act was introduced, 3,188 vaccinations were performed.

Fresh human lymph is kept active throughout the year in Ajmere, and fresh supplies of calf lymph are received during each vaccination season, by which the lymph is kept active and efficient.\*

## FAMINE.

The Famine Code of Ajmere-Merwara, lately revised by the Government of India, is being published. In it the duties of officers of the various departments at the time of famine are prescribed, and arrangements made for the distribution of gratuitous relief, relief works, medical inspection and aid, poor houses, kitchens, protection of cattle, utilization of forest, and other reliefs, etc.

The medical arrangements are as follows :—

1. The Chief Superintending Medical Officer of the Province shall be made responsible for the following duties :—

i. He should as soon as possible personally inspect any locality where any symptoms of abnormal suffering are observable, and shall submit a fortnightly return to the Administrative Medical Officer on the following matters :—

(1) Increase of illness and disease believed to be due to want of food.

\* Owing to the difficulty in leaving Ajmere, the Civil Surgeon is rarely able to inspect vaccination or even dispensaries in the district. It is hoped that the appointment of an Assistant Surgeon may be made to enable him to perform these duties—T. H. H.

- (2) Number of cases of deaths due directly or indirectly to want of food, or cases of illness induced by want of food which have been brought to his notice.
- (3) Number of in and out-patients received in the hospitals or dispensaries of the district and in any special famine hospitals, which may be under the control of his subordinates, with such details of the cases as may be required.
- (4) The distribution of the subordinate medical staff and any increase to it that may be required.

2. He will specially direct attention to the water-supply, the lowness of wells and tanks and other sanitary conditions of the tract affected.

3. He shall issue such special instructions as are necessary, and advise the Civil officers regarding any alterations, he may consider necessary, in the rules for the treatment of famine patients, and in regard to their diet, and may, in case of urgency, issue direct any special instructions which he may consider necessary.

4. He shall, if necessary, from time to time, personally inspect and supervise the medical arrangements for famine relief and shall be responsible that such arrangements are duly made in each district. He shall advise and assist in laying out the camps at large relief works and other centres with special reference to the Hospital and water-supply.

5. At the end of any period of severe scarcity or famine he shall submit a general report on the operations of his department in connection with Famine Relief.

6. The Medical Officer in Civil Charge of a district shall also send copies of the fortnightly reports, required under para. 1, to the Assistant Commissioner, and shall also be responsible for reporting all cases of deaths (caused directly or indirectly by want of food) starvation, or illness due to starvation which may come to his knowledge.

7. He shall make tours through the district—

- (a) to inspect all medical and sanitary arrangements at relief works and centres ;
- (b) to ascertain, by weighment and otherwise, if the physique of the relief workers is being properly maintained ;
- (c) to examine the grain and other food which form the famine rations ;
- (d) to ascertain the condition of the people of the district generally.

A special Medical Officer should be appointed, if possible, for the purpose of these tours, otherwise they will be made by the Medical Officer in Civil Charge of each district, or as the Chief Commissioner may direct.

8. Hospital accommodation shall be provided at every relief work for the sick, as far as possible. A resident Hospital Assistant will be provided for every large work ; if there be no Medical Officer on the work, his duties shall be performed, as far as may be, by the officer in



charge, who shall send all cases of serious illness to the nearest place at which medical treatment is obtainable. The Hospital shall be inspected daily. Should serious illness, such as cholera, small-pox, or dysentery break out, the Officer in charge shall immediately send information to the Medical Officer and to the Assistant Commissioner.

9. The Medical Officer in Civil Charge of a district shall, if required by the Assistant Commissioner, specially inspect the labourers and visit the Hospitals at relief works or poor-houses, and shall aid the Civil Authorities in making the necessary arrangements for sanitation and for the proper care of the sick.

10. If the wage paid or ration given on any relief work, in any famine institution appears to the Medical Officer in charge of the district, or of the work or institution, to be insufficient for the support of the labourers or inmates, the Medical Officer shall report the matter to the Assistant Commissioner, who may order the ration to be increased, pending the order of the Commissioner, to whom the matter shall be reported.

11. To each poor-house shall be attached a Hospital, which shall be placed as near the poor house as is consistent with health. The Hospital shall be in charge of a Medical Officer.

The Hospital establishment will be selected by the Medical Officer, care being taken to engage paupers as far as possible.

The Hospital Assistant in charge of the poor-house Hospital shall send in to the Superintendent, a daily return showing the number of sick in Hospital, the daily admissions, discharges, and deaths, and the number of rations, and the quantity of extra food required for his patients. He should notice the condition of all the residents to see if they are improving, or the reverse. He should report at once to the Superintendent or the Civil Relief Officers if he believes the food to be insufficient or bad in quality.

For those who are specially emaciated he should prescribe special diet, such as milk, or ghi, or other nutriment. He should also report to the Superintendent, if he thinks that in any case the work exacted is too severe for any of the paupers.

### HISTORY OF FAMINES IN AJMERE.

Since the beginning of this century, the first famine occurred in the Ajmere-Merwara District in 1812 and 1813, the second in 1847 and 1848, the third in 1868-70, and the fourth in 1890-92. Between these visitations there were periods of scarcity, but none of them assumed the proportions of a famine.

The famine of 1890-91 extended practically over the whole of Ajmere-Merwara, which covers an area of 2,710 square miles with a population of 542,358. It was a *tirkal* or triple famine of grain, water and fodder.

The Railway, which was opened from Agra to Ajmere in 1875 and was extended from Ajmere through the north of the Merwara District to Ahmedabad in 1880, saved the two districts from a disastrous mortality.

In the famine of 1868-70 the loss of population was estimated at 25 per cent or 106,500 out of 426,000; the mortality among the cattle was nearly 33 per cent. The price of staple food-grain was 3 seers per rupee, and the grain stocks had altogether failed, whereas in the famine of 1890-92 very few authenticated cases of starvation were reported. The mortality was, no doubt, abnormally high after the famine was over, owing to the outbreak of a fever epidemic.

The loss of cattle, notwithstanding extensive emigration, was extremely heavy, being about 20 per cent. or 187,481 out of 925,213 head of cattle. The Railway could carry sufficient grain to meet all food requirements, but the grass and other local fodder supplies entirely failed, and it was impossible to import enough grass at rates within the means of the people to keep the cattle alive.

During the famine year of 1868 the average rainfall of the Ajmere District was 9·28 inches, and that of Merwara 6·77 inches.

During the famines of 1890-92 the rains were very deficient in quantity and unfavourable in distribution. The average rainfall for Ajmere, calculated on the returns for the 33 years ending 1892-93, is 21·84 inches, and for Merwara 20·28 inches.

In 1891-92 only 8·50 inches of rain fell in the Ajmere District, and 10·24 inches in Merwara; this was even worse than in 1890-91, when the returns showed an average of 12·05 inches for Ajmere and 13·56 inches for Merwara.

The number of those who left the District during the famine of 1868-69 was stated to be 23,345 distributed as below :—

From Ajmere . . . . .	14,152
From Merwara . . . . .	9,193
	<hr/>
	23,345

The emigration commenced in October 1868 and continued till March 1869. Of this number, as many as 10,950 finally returned.

The subjoined table gives the number of persons who emigrated, of those who returned, and of those who either died or remained away during the famine of 1890-92 :—

District.	Emigrated.	Returned.	Died or remained away.
Ajmere . . . . .	32,219	23,763	8,456
Merwara . . . . .	6,209	4,554	1,655
<b>TOTAL .</b>	<b>38,428</b>	<b>28,317</b>	<b>10,111</b>

During the famine of 1868-70 several relief works were opened in the District. The total cost to Government amounted to Rs. 7,59,407, and the daily average number of persons

employed on relief works under the supervision of the Public Works Department stood at 9,742. During the famine of 1890-92, the daily average number of labourers on relief works was 11,682 and the cost amounted to Rs. 12,54,116.

### POOR-HOUSES.

Altogether three poor-houses were opened during the famine of 1890-92 in the Ajmere Merwara District, *viz.*, at Ajmere, Beawar and Todgarh. They were useful in three ways:—in providing maintenance for destitute persons who could not work; as a deterrent to lazy beggars who thronged the larger towns; and as a means of punishing famine labourers who would not work.

The poor-house at Ajmere was opened in January 1892, and was closed for admission on the 1st September 1892. On the 15th September the few remaining inmates were handed over to the Committee formed for the distribution of private charity.

The poor-house at Beawar was opened on the 23rd April 1892, that at Todgarh was originally started in January 1892 for the reception of sick persons who were really better qualified for the Hospital.

It was remodelled on the lines of a poor-house in June 1892. Thus the poor-house at Beawar was only open for five months, and that at Todgarh for three months.

The following statement shows the number of rations served in the poor-houses, and the cost of maintenance of the inmates during the famine:—

DISTRICT.	Number of rations served.	Cost of dieting.	Cost of building and establishment etc.	Total cost of poor-houses.
		R a. p.	R a. p.	R a. p.
Ajmere . . . . .	7,203	463 7 2	1,119 13 4	1,583 4 6
Merwara . . . . .	6,034	459 15 9	1,351 2 0	1,811 1 9
TOTAL .	13,237	923 6 11	2,470 15 4	3,394 6 3

The largest number on any one day in the Ajmere poor-house was 131, while the largest average daily number during any month was only 42, namely, in June 1892.

The total number of persons admitted into the Beawar and Todgarh poor-houses was 358. The largest number in the former was 105 in July, and in the latter 49 in June 1892.

Home labour was provided for *purdahnashin* women, deserted widows, and children, and other destitute persons who were unable, for reason of caste or otherwise, to come to the relief works, and for whom no other means of support could be found. This branch of relief was started in October 1891 and was closed in August 1892; 479,279 persons were



given such relief at a cost of Rs. 77,592, *viz.*, 479,267 persons in Ajmere District, and 12 persons in Merwara, costing Rs. 77,485 and Rs. 107, respectively.

### IRRIGATION.

Before the famine of 1890-92 irrigation works in Ajmere-Merwara numbered 3,689, as detailed below, constructed at an aggregate cost of Rs. 43,30,832 up to 1877 (*i. e.*, Ajmere Rs. 30,09,933; Merwara Rs. 13,20,899) :—

							<i>No. of tanks.</i>
1. Ajmere Khalsa	.	.	.	.	.	.	1,235
2. „ Istimrar	.	.	.	.	.	.	1,353
3. „ Jagir	.	.	.	.	.	.	45 <sup>2</sup>
4. Merwara	.	.	.	.	.	.	649
TOTAL						.	3,689

During the famine years of 1890-92, 104 irrigation works were undertaken in the district, *viz.*, 48 in Ajmere and 56 in Merwara. The total cost incurred on the above works is given in the following table :—

DISTRICT.		No. of irrigation works undertaken during the famine of 1890-92.			Total cost in rupees.		
		<i>Imperial.</i>	<i>Local.</i>	<i>Total.</i>	<i>Imperial.</i>	<i>Local.</i>	<i>Total.</i>
Ajmere	.	41	7	48	4,96,174	2,16,034	7,12,208
Merwara	.	56	...	56	1,39,854	...	1,39,854
TOTAL		97	7	104	6,36,028	2,16,034	8,52,062

With the aid of the Takavi loans granted under the Land Improvement Loans Act, 1896, tanks were either constructed or improved during the late scarcity in addition to the number in the foregoing table. The works thus undertaken are expected by the Civil authorities to be remunerative.

### LUNATIC ASYLUM.

Before the opening of the new General Hospital there were four rooms attached to the old hospital in the city, sufficient for accommodating four lunatics.

At present lunatics are kept in the Jail Lunatic Asylum as a temporary measure. All confirmed lunatics, after observation, are sent to the Delhi Asylum.

A separate building for lunatics is urgently required for Ajmere-Merwara.

## EDUCATION—MAYO COLLEGE.\*

The late Lord Mayo, at a Durbar held at Ajmere in 1870, proposed to the assembled Chiefs of Rajasthan that they should subscribe towards the endowment of a college for the education of their sons and those of their Thakurs or nobles, promising on behalf of the Government of India a sum equal to the aggregate amount collected.

The object of the college was declared to be not merely the acquirement of book-learning, but the stimulation of that energy of mind and body, which the nobility of Rajasthan so warmly admire in English gentlemen, and for the attainment of which they themselves are so peculiarly fitted. The Viceroy's proposal was met in the most liberal spirit, 15 of the 18 states of Rajputana promised subscriptions amounting to Rs. 6,26,000, and the Government of India fixed its contribution at seven lakhs. The following body called the Council is constituted as follows:—

*President :*

His Excellency the Viceroy.

*Vic.-President :*

The Agent, Governor General, for Rajputana.

*Members :*

The Commissioner of Ajmere.

The 15 Chiefs who subscribed to the endowment, and the Maharawals of Jasilmer and Dungarpur, and the Political Officers accredited to the several States.

*Secretary :*

The Principal of the Mayo College.

At the close of 1874 the late Colonel Sir Oliver St. John was appointed the first Principal, and the college was opened for the reception of boys in October 1875. The total number of admissions up to the 30th September 1896 was 262, of which 72 were on the college roll of that year. Major (now Colonel) Powlett officiated as Principal of the college for two months in 1878, and was relieved by Captain (now Colonel) Loch, A. D. C., the present Principal.

Boarding houses have been built by the following States at their own expense:—

Oodeypore to accommodate 12 pupils.

Jeypore	„	„	10	do.
Jodhpore	„	„	12	do.
Bikanir	„	„	10	do.
Ulwar	„	„	7	do.
Bhurtpore	„	„	7	do.
Jhalawar	„	„	6	do.
Tonk	„	„	7	do.
Kotah	„	„	7	do.

\*The Mayo College and Government College are under the medical charge of the Civil Surgeon.—T. H. H.

The Mayo College main building, the Ajmere boarding house (to accommodate 12 boys) the Principal's and the Head Master's residences were built by Government. There are no tuition fees except for drawing, which is a voluntary subject. The only demand which is made from the parents of the boys is the small sum of Rs. 50 per annum, and known as the Book, Play, and Medical Fund.

The college curriculum includes :—

- (a) English,
- (b) General Knowledge,
- (c) Hindi and Urdu, with its corresponding classical language Sanscrit or Persian,
- (d) Arithmetic,
- (e) History and Geography.

The boys are well provided for and looked after physically.

Riding, gymnastic exercises, all games, and target practice are taught.

The Civil Surgeon, Ajmere, is in medical charge of the college, and the health of the boys is excellent. The Budget Estimate for year 1897-98 is as follows:—

	Rs.
Receipts . . . . .	48,586
Expenditure . . . . .	48,360
	<hr/>
Surplus . . . . .	226

In Ajmere City there are various institutions imparting education to 1,921 boys and girls.

There are the City Branch School with . . . . .	340	scholars
Government college . . . . .	383	"
Mayo college . . . . .	80	"
Missionary School . . . . .	236	"
Arya Samaj School . . . . .	476	"
Railway School . . . . .	51	"
Convent School . . . . .	40	"
Normal School . . . . .	12	"
Girls' School . . . . .	103	"
Durgah School . . . . .	200	"
	<hr/>	
	1,921	"

Of this total, 1,292 are Hindus, 498 Musalmans, 125 Christians, and 6 others.

This statement does not include schools under private management, such as the Mission Girls' Schools, a Parsee, a Deccani, a Church of England, Native, and a Bengali School ; probably all these together give instructions to about 150, and besides these there are some fifty small Native schools teaching the elements to some 1,500.



The City Branch School and the Government College, as also the Girls' Schools and the Normal School are assisted from Municipal Funds, are under Government control, and are directly under the supervision of the Principal of the College.

The Government College, affiliated to the Calcutta University in 1861, was affiliated to the Allahabad University in 1888, and until the present year, 1896, the standard taught did not go beyond the First Arts or intermediate examination of these Universities. Boys on completing their course here proceeded to the colleges of the North-Western Provinces to take their degrees, but in July 1896 classes were opened for the instruction up to the B. A. standard. The citizens of Ajmere and Beawar contributed handsomely towards an Endowment Fund, which is supplemented by grants from the Municipalities of Ajmere Beawar, Nasirabad and Kekri, and it is hoped that Government will complete the sum necessary for the maintenance of a full staff. There are, in 1896, 42 boys in the Entrance Class preparing for their Matriculation, whilst in the four college classes there are 55.

In the College is a well-stocked library and a collection of scientific apparatus, and in its grounds is a boarding house for the accommodation of boys attending the Normal School, and of boys from the village schools who have obtained scholarships. Provision is made for 50 boys.

The staff of the College and Branch School consists of the Principal, the Head Masters of the two institutions, 6 Professors, 13 English teachers, 9 Pundits, 9 Moulvies, and a Librarian clerk.

The Mission School teaches up to the Entrance Standard, the Arya Samaj School (founded in 1888) to the same.

Both these schools serve as feeders to the Government College, as do also the schools at Beawar and Nasirabad.

These two last mentioned are managed by the United Presbyterian Mission and are in receipt of aid from Municipal or Cantonment Funds, and of a grant-in-aid from Government.

They are inspected by the Principal of the Government College in his capacity of Inspector of Schools. They provide instructions for 357 and 307 boys, respectively, and teach up to the Entrance Standard.

During the year 1876-77 the District Schools were reorganised. They are supported by Government and from the educational share (one per cent.) of the  $3\frac{1}{8}$  per cent. cess. Since then there has been no change in the number of schools, they remain 8 Tehsil (secondary), and 41 Hulkabundi (primary), but whereas in 1876 the total number of boys attending these schools was 1,770, the total now is 4,085, of whom 2,788 are in Ajmere, 1,297 in Merwara. It is expected that steps will shortly be taken whereby the number of these village schools will be extended. A small but efficient Normal School, where promising boys from the village schools are trained as village school teachers, is accommodated in the Government College.

Female education does not make much progress. There are two schools in Ajmere City and one each at Rajgarh, Beawar and Kekri, with altogether 231 pupils.

The following statement gives statistics of the schools above mentioned.

CLASS.	Number of Schools.	Number of Pupils.	Average daily attendance.	EXPENDITURE FROM					Total Expenditure.
				Imperial Funds.	Local Rates or Cess.	Municipal Funds.	Fees.	All other sources.	
Ajmere Government College . . .	1	383	358.70	20,888	...	344	4,847	540	26,619
Ajmere City Branch School . . .	1	340	254.06	1,860	...	2,520	812	...	5,192
Beawar Municipal School . . .	1	167	136.38	...	...	1,184	97	...	1,281
Tehsils and Halkabandi Schools. . .	49	4,085	3,290.75	4,830	8,625	376	1,521	...	15,352
Girl's Schools . . . . .	5	231	150.78	674	30	408	...	...	1,112
Ajmere Normal School . . . . .	1	12	10.42	1,369	...	...	...	...	1,369
Grant-in-Aid Mission High School, Beawar . . . . .	1	357	263.44	960	...	2,520	479	2,378	6,337
„ „ Nasirabad . . . . .	1	307	260.00	900	...	2,100	895	2,497	6,392
Grant-in-Aid Ajmere Railway School . . . . .	1	51	62.52	1,200	...	...	1,486	700	3,386
TOTAL . . . . .	61	5,933	4,787.05	32,681	8,655	9,452	10,137	6,115	67,040
UNAIDED SCHOOLS.									
Ajmere Normal School . . . . .	1	236	206.00				(not known)		
„ D. A. A. V. School . . . . .	1	476	281.05	...	...	...	1,439	1,596	3,035
Private School . . . . .	...	1,650							
Mayo College . . . . .	...	80							
Railway School . . . . .	...	51							
Convent . . . . .	...	40							
Durgah . . . . .	...	200							
TOTAL . . . . .	...	8,666							

## JAIL.

1860. Before 1860 all the prisoners of this district were lodged in the Abdullahpura-ki-serai in the City near the Railway Station. The present jail was built sometime after that year, and the prisoners were transferred to it from the old jail near the Railway Station.

In the beginning, the jail consisted of an inner circle and a main wall only, the barracks, outside the inner circle, *viz.*, Nos. 10, 11, 12, 13 and 14, were added during the years 1872-73.

1875. A range of twelve new solitary cells was added in 1875, and the treadmill with the  
1879. roofed building for it, was built four years later in 1879.

1880. In 1880 the old latrine in Barrack No. 2 was removed and was replaced by a new one. The tile-roofed latrines in Barracks Nos. 4, 5, 6 and 8 were removed, and smaller and tidier latrines with Slabbed roofs were built in their stead. One of the store godowns was  
1881-82 converted into a ward for European prisoners during 1881-82, and additions in the shape of one verandah and one bath-room were made.

A new Barrack for the reception of under-trial and juvenile prisoners was commenced  
1883. during 1882 and completed in 1883 at a cost of Rs. 1,313.

The single-storied Barrack in ward No. 9 was converted into a double-storied one in the  
1884. year 1884, at a cost of Rs. 5,674-6-11.

1885. In 1885 the approach to the Havalat, hitherto quite open and unprotected, was screened in by the erection of a wall and a gate, two rooms for the Havalat Guard being added at the same time.

During the year 1886 twelve new quarters with court-yards at the back were built for  
1886. jail warders and a factory erected in the juvenile ward. In ward No. 1 a new double-storied Barrack was commenced and completed in the next year, when also the old chulas were replaced by new ones built according to the standard plan of the North-Western Provinces jails, at the suggestion of the Inspector General of Jails, North-Western Provinces and Oudh. Alterations improving the ventilation of the solitary cells and effecting complete isolation of the prisoners therein confined, were made and the latrines, in the Civil prisoners' Barrack, were provided with gratings. The scarcity of water in the jail well having necessitated the digging of a new well, one was commenced in the Mir Shah Ali garden, and the present well commenced in 1887 and completed in 1888 was the result. Pipes were laid down from the Mir Shah Ali well to the jail between 1888-89.

1890. During this year, the gratings of six Barracks which were unsafe and did not afford thorough ventilation, were removed and replaced by new ones of a larger size, and in addition to these, two grated windows were fixed in the end walls of each of the six Barracks corresponding to the doors in front. The water pipes were extended from the outer circle to the inner circle of the jail and also to the garden. The open space between the outer and the inner gateways of the jail was roofed. The old dead-house near the jail was converted into a contagious disease ward.



Diagram of a vertical structure with dimensions: 2' (width of the top section), 2'6" (width of the middle section), 3' (width of the base), and 15' (height of the middle section).



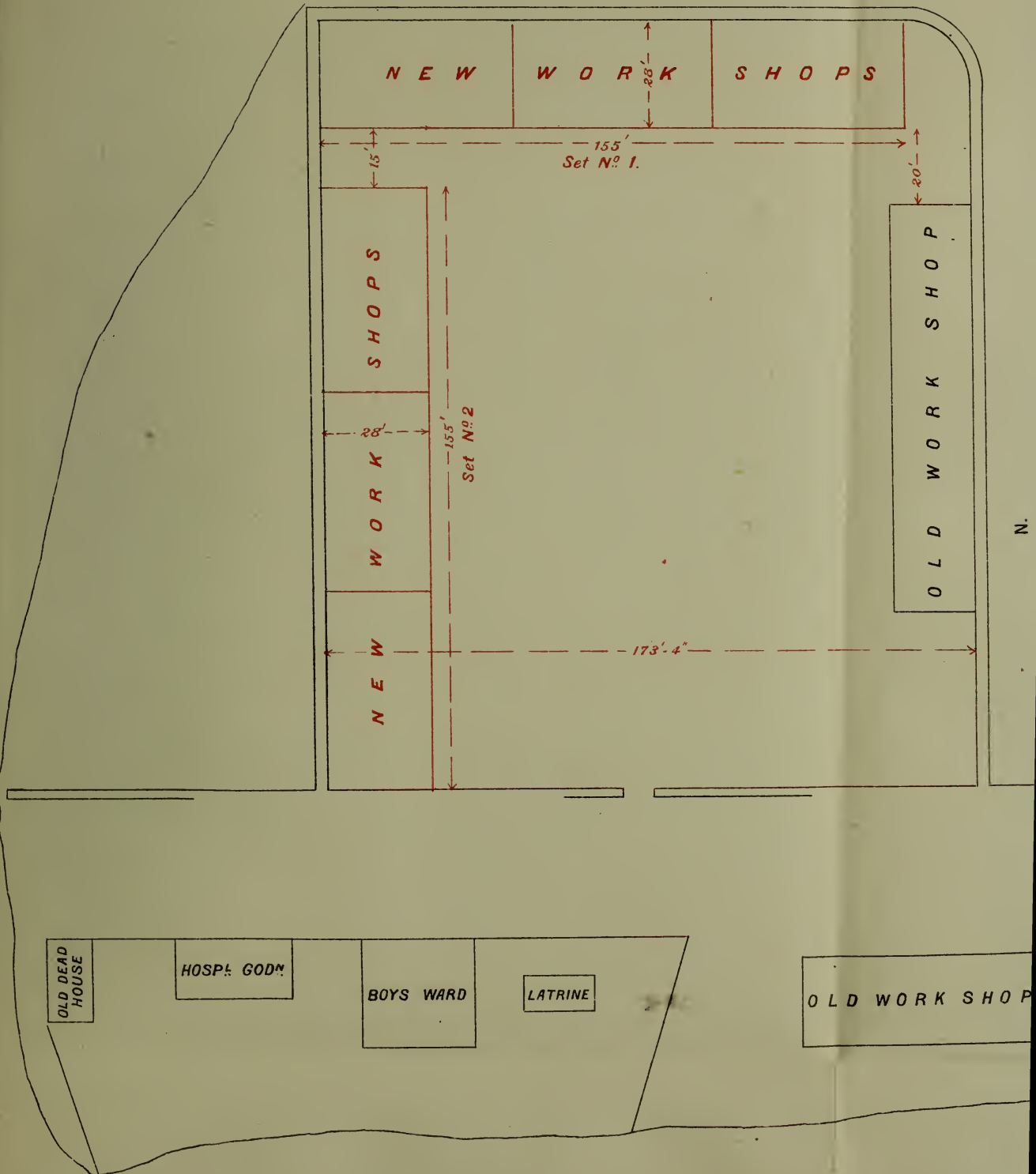


# Site Plan shewing arrangement of the New Workshops in Ajmere Jail.

Scale 1 Inch = 40 Feet.

## REFERENCES.

New Work shewn in Red  
Old „ „ Black







The tiled-roofs of workshops attached to Barracks Nos. 7 and 8 were replaced by stone slabs. 1892.

Pipes were laid down from the Merwara Battalion lines to the jail, so that in times of scarcity water may be available from the Foy Sagar. 1893.

A new enclosure containing worksheds, which was begun in the preceding year, was completed during this year. Two bathing platforms, one inside the jail for convicts, and another outside the jail for jail warders and under-trial prisoners, were finished during the year, and the quarters for the Merwara Battalion guard were provided with a slab roof. 1894.

An armoury was built in the verandah of the factory godown near the main gate of the jail. A Donaldson's patent Ejector, for removing night-soil outside the jail, was fixed in the jail enclosure-wall towards the jail garden. A compound wall in front of the jail was constructed during the year. 1895.

According to the suggestions laid down by the Commissioner in his remarks dated 14th September 1894, in the visitors' book, a better canopy over the central watch-tower has been constructed, and two openings in the roof of the kitchens, for the escape of smoke, were made during the year. In July 1895 the jail staff was re-organised at the suggestion of Brigade-Surgeon-Lieutenant-Colonel Sir Alfred Lethbridge. Under this re-organisation the staff of the jail was reduced, made cheaper, and more effective. A reserve guard was established, who are armed, drilled, and wear a distinctive uniform. This guard has taken the place of the Merwara Battalion Guard who for so long guarded the entrance to the jail. The management, discipline and manufactures of this jail have been brought by degrees, and under the superintendence of successive Civil Surgeons, to its present state of high efficiency, and on account of its central position, is very properly looked upon as a model for the jails of neighbouring States. The carpet manufactory is second-to-none in all India, and carpets of the finest wool, of beautiful designs and of the best manufacture, are made in the jail all the year round.

These carpets are ordered in much larger numbers than the jail Factory can ever comply with; the principal reason for which is that fewer long-term prisoners are now sent to this jail than in former years.

During 1895 the actual profit of the jail Factory amounted to Rs. 4,001-12-6, and the average earning of each prisoner in the jail amounted to Rs. 14-1-9 for the year.

The health of the prisoners in the jail is excellent, and the average mortality and admissions to Hospital, are low. 1895, owing to an epidemic of relapsing fever, was an exceptionally bad year.

*Detailed statement of the Permanent Establishment of the Central Jail, Ajmere, as it stood on 1st April 1896.*

Government orders creating post.	PRESENT INCUMBENT'S DATE OF		Name of section and post.	Date of incumbent's birth (as near as possible).	Name of Incumbent.	PAY OF POST.		Pay of present incumbent and Total of each section.
	Appointment to present post.	Promotion to present pay.				Minimum.	Maximum.	
Government of India, Foreign Department No. 4050-1, dated 3rd December 1894.	4th April 1895 . . .	.....	Superintendent, Jail . . . . . OFFICE ESTABLISHMENT.	2nd October 1853 . . .	P. W. Pank, Esq. . . . .	R. . . . .	R. . . . .	R. 150
	28th November 1881 . . .	1st July 1895 . . .	Jailor . . . . .	12th September 1852 . . .	L. Maya Das . . . . .	100	125	100
	1st February 1896 . . .	Ditto . . . . .	Deputy Jailor . . . . .	12th December 1874 . . .	Jawahar Lal . . . . .	40	50	40
	1st July 1895 . . .	Ditto . . . . .	Assistant Jailor . . . . .	1870 . . . . .	L. Debi Das . . . . .	30	40	12
	1st March 1881 . . .	15th October 1885 . . .	MEDICAL ESTABLISHMENT. Hospital Assistant . . . . .	1st April 1851 . . .	Md. Abdullah Khan . . . . .	..	..	55
	21st May 1893 . . .	1st July 1895 . . .	WARDER ESTABLISHMENT. Chief Head Warder . . . . .	13th May 1867 . . .	L. Ram Sarup . . . . .	20	25	20
	15th May 1895 . . .	Ditto . . . . .	Head Warder . . . . .	1870 . . . . .	S. Ilahi Bux . . . . .	15	20	15
	Ditto . . . . .	Ditto . . . . .	Two first-grade Warders at Rs. 10 each . . . . .	.....	.....	..	..	20
	Ditto . . . . .	Ditto . . . . .	Nine second-grade Warders at Rs. 9 each . . . . .	.....	.....	..	..	81
	Ditto . . . . .	Ditto . . . . .	Twelve third-grade Warders at Rs. 8 each . . . . .	.....	.....	..	..	96
	19th May 1890 . . .	Ditto . . . . .	Female Warder . . . . .	(Unknown) . . . . .	Sakinia . . . . .	..	..	7
	19th October 1895 . . .	Ditto . . . . .	RESERVE WARDER GUARD. Head Warder . . . . .	1855 . . . . .	Zora . . . . .	12	15	12
	Ditto . . . . .	Ditto . . . . .	First-grade Warder . . . . .	.....	Vacant . . . . .	..	..	10
	1st April 1891 . . .	1st July 1895 . . .	Second-grade Warder . . . . .	10th November 1862 . . .	Janki Prasada . . . . .	..	..	9
	Ditto . . . . .	Ditto . . . . .	Four third-grade Warders at Rs. 8 each . . . . .	.....	.....	..	..	32
	1st October 1887 . . .	Ditto . . . . .	FACTORY ESTABLISHMENT. Dyer . . . . .	18th February 1847 . . .	S. Nabi Bux . . . . .	..	..	20
GRAND TOTAL								679

Government of India, Foreign Department No. 4050-1, dated 3rd December 1894.



## No. XIII.

*Statement showing the net cash Earnings of Convicts sentenced to labour in the Central Jail at Ajmere during the year 1895.*

1	2	3	4	5	6	7	8	9	10	11	12	13
Name of jail.	Average number sentenced to labour.	Average number employed on jail manufactures.	Cash balance in hand on 1st January 1895.	Cash drawn on manufacturing account during the year (A).	Total.	Paid into treasury on manufacturing account (B).	Cash balance in hand on Manufacturing accounts on 31st December 1895.	Total.	Cash earnings (being total of column 9 less total of column 6).	Average earning per head calculated on column 2.	Average earning per head calculated on column 3.	REMARKS.
Central Jail, } Ajmere }	283.64	155.51	.....	4,773 13 6	4,773 13 6	8,775 10 0	.....	8,775 10 0	4,001 12 6	14 1 9	25 11 9	Total profit for 1895, Rs. 4,001-12-6.
	283.64	155.51	.....	4,773 13 6	4,773 13 6	8,775 10 0	.....	8,775 10 0	4,001 12 6	14 1 9	25 11 9	
Total	283.64	155.51	.....	4,773 13 6	4,773 13 6	8,775 10 0	.....	8,775 10 0	4,001 12 6	14 1 9	25 11 9	

Table showing the mortality rate in the Ajmere Jail from 1880 to 1895.

MONTH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Total.	Mean Mortality.
January . .	1	...	1	1	...	...	3	...	...	...	1	...	3	1	1	1	13	'81
February . .	...	1	...	...	...	2	1	1	...	...	...	...	3	1	...	2	11	'69
March . .	2	...	...	...	1	...	...	1	...	...	...	...	...	...	...	3	7	'44
April . .	...	...	...	...	...	3	2	...	...	...	1	...	1	...	...	7	14	'87
May . .	...	...	...	...	...	2	...	...	1	...	1	2	...	...	...	2	8	'5
June . .	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	'06
July . .	...	...	...	1	...	1	1	...	...	...	...	...	...	1	...	...	4	'25
August . .	...	...	3	2	...	...	...	7	...	...	...	1	...	...	1	...	14	'87
September . .	...	1	4	1	...	...	...	...	...	1	...	2	3	...	...	...	12	'75
October . .	1	...	2	...	1	...	1	...	1	...	...	...	1	...	1	...	8	'5
November . .	...	...	1	...	...	...	2	...	...	1	...	1	1	...	2	...	8	'5
December . .	1	...	2	1	...	...	1	...	...	1	...	5	...	1	1	...	13	'81
Total . .	5	2	13	6	2	9	11	9	2	3	3	11	12	4	6	15	113	

Table of Admission of sick in the Ajmere Jail from 1880 to 1895.

MONTH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Tctal.	Mean of 16 years.	Mean morta- lity for 16 years.
January . .	23	7	8	17	11	6	5	19	13	9	12	6	31	7	8	14	196	12.25	.81
February . .	21	12	6	14	11	5	8	11	6	11	11	2	8	8	3	50	187	11.69	.69
March . .	25	9	13	27	8	7	12	5	9	5	13	7	5	4	5	114	268	16.75	.44
April . .	28	23	18	18	21	18	16	21	6	10	21	13	3	8	1	57	282	17.62	.87
May . .	30	11	19	15	12	17	14	11	14	8	15	12	10	5	6	6	205	12.81	.5
June . .	39	18	6	19	7	16	18	23	12	12	12	7	10	10	4	4	217	13.56	.66
July . .	24	12	11	28	9	13	18	24	12	6	8	11	7	5	5	4	197	12.31	.25
August . .	31	20	23	24	8	19	23	47	18	8	13	9	14	10	17	4	288	18.00	.87
September . .	39	24	27	14	16	23	23	27	20	6	10	9	21	9	12	6	286	17.87	.75
October . .	50	24	15	9	21	14	19	19	25	5	5	7	24	9	6	5	257	16.06	.5
November . .	22	20	14	16	20	16	21	13	15	13	5	10	13	4	13	5	220	13.75	.5
December . .	7	12	11	9	11	13	16	13	9	10	2	36	7	4	12	6	178	11.12	.81
Total . .	339	192	171	210	155	167	193	233	159	103	127	129	153	83	92	275	2,781	17.81	7.06



*Table of number of Prisoners in the Ajmere Jail from 1880 to 1895.*

MONTH.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Total.	Average, 10 years
January .	524'81	402'10	451'43	575'09	589'53	590'16	577'97	412'32	383'29	436'29	392'84	348'90	482'36	344'10	331'32	345'26	7187'77	449'24
February .	510'75	418'40	438'98	541'00	560'80	584'64	573'82	339'07	390'61	431'17	378'10	331'14	494'38	309'75	342'53	358'32	7003'46	437'72
March .	500'11	410'39	424'59	537'38	524'90	571'91	589'48	286'03	409'22	396'90	383'35	323'23	399'44	316'86	308'68	348'25	6730'72	420'64
April .	499'44	430'15	434'38	485'43	528'79	559'32	586'86	326'92	429'06	388'70	402'59	347'53	422'33	351'20	302'96	327'13	6822'79	426'42
May .	488'35	422'85	440'55	518'61	560'68	566'22	574'93	360'86	432'16	416'84	408'29	327'39	428'61	349'13	315'41	312'61	6923'49	432'66
June .	493'38	426'42	477'47	543'83	572'33	564'40	584'96	384'70	413'43	438'00	393'00	315'14	452'10	346'46	341'10	313'80	7060'52	441'28
July .	511'60	430'29	491'84	547'86	574'38	560'71	506'28	393'35	421'83	476'32	397'74	342'19	478'03	345'92	335'93	329'84	7144'11	446'51
August .	496'43	430'95	531'26	574'06	600'22	594'06	406'42	311'17	415'07	429'26	405'96	368'48	479'39	336'13	343'86	330'16	7052'88	440'80
September .	480'76	437'87	546'59	591'67	615'43	572'45	453'76	330'72	414'19	427'60	371'30	464'96	559'67	341'90	353'53	331'23	7203'63	455'85
October .	473'02	448'31	574'99	607'19	624'75	557'93	453'64	335'15	407'26	426'61	364'29	586'23	409'53	343'58	351'42	319'45	7283'35	455'21
November .	424'85	448'98	568'85	612'01	627'95	552'30	454'63	349'00	399'89	403'30	355'27	598'33	376'06	330'13	343'87	327'37	7172'79	448'30
December .	408'36	446'42	565'93	604'52	612'39	583'00	426'81	360'87	432'19	396'22	344'62	530'74	354'93	328'06	337'42	327'87	7060'35	441'27
Total	5811'86	5153'13	5946'86	6738'65	6992'15	6857'10	6189'56	4190'16	4948'20	5067'21	4597'35	4884'26	5336'83	4043'22	4008'03	3971'29	84735'86	5205'99

## CHIEF TOWNS.

In the Ajmere-Merwara District there are four chief towns—three in Ajmere and one in Merwara.

In the Ajmere District the three chief towns are—Ajmere, previously described, Nasirabad and Kekri.

*Nasirabad* has a population of 21,710 and is a military station, 15 miles from Ajmere by a good metalled road, and is also connected with Ajmere by railway.

*Kekri* has a population of 7,100 and is 50 miles by a metalled road from Ajmere; there is a Dispensary at Kekri: this town is increasing as a market, and the small annual Tejaji Fair is becoming a recognised commercial as well as religious institution.

In Merwara, *Beawar* is the chief town, with a population of 20,978 and is 33 miles from Ajmere by a good metalled road, or by rail. There is a dispensary at Beawar. Beawar is growing into the chief market of import and export in Western Rajputana. The principal export is pressed cotton. Beawar is a very modern town, and was founded about 1835.

## CIVIL SURGEON'S DUTIES.

The duties of the Civil Surgeon of Ajmere are many, and the claims made on his time are extensive.

He is in charge of the General Hospital, including the Police Hospital and district dispensaries, is Consulting Surgeon to the Railway, which includes regular visits to the Railway Hospital where he sees all the in-patients and any out-patients wishing to consult him; he has to attend on families of officials of the Railway who ask for his advice, and he has to examine all candidates for employment in the railway, as well as Government officials employed by the railway applying for pension. He is Superintendent of the Central Jail and is responsible for the entire working of that institution. He is in Medical Charge of the Merwara Battalion, and performs all the work of Medical Officer to that Regiment. He is Medical Officer to the Mayo College and to the Government College. He is an *ex-officio* member of the Municipal Committee, attends Municipal meetings and makes weekly sanitary inspections of the City and Suburbs, and is convener of the sanitary Sub-Committee. He is Superintendent of the Vaccination Department for Ajmere-Merwara, and is in Medical charge of the Civil Station of Ajmere. It is, therefore, impossible for him to attempt anything like a tour into the district, to inspect outlying dispensaries, or to check vaccination operations, or inspect village sanitation. His multifarious duties will not admit of his leaving Ajmere, except under exceptional circumstances, for which special arrangements have to be made.

Ajmere is just one of those Civil Medical charges, which would greatly benefit by the proposal of Government, if carried into effect, which was recently made to provide some Civil Stations and Districts with an Assistant Surgeon, who, acting under the Civil Surgeon's orders, could be deputed to make periodical inspections in the district of vaccination, of sanitation, of the district dispensaries and be made responsible for the correct collection of all vital statistics which are at present very defective.

*List of Civil Surgeons of Ajmere from the date of the opening of the Ajmere Dispensary.*

AMES.	From	To	REMARKS.
Asst. Surgn. R. W. Macaulay . . . .	15th Jan. 1851 .	30th Nov. 1851	
" " J. F. Imlach, M.D. . . . .	1st Dec. 1851 .	30th Nov. 1852	
" " H. A. Ebdon, M.D. . . . .	1st Dec. 1852 .	15th March 1853	
" " G. R. Lord, M.D. . . . .	16th March 1853	30th Nov. 1853	
" " J. F. Sanderson, M.D. . . . .	1st Dec. 1853 .	15th Sept. 1854	
" " J. Ewart (now Sir J) . . . .	16th Sept. 1854	8th March 1857	
" " H. W. Spry . . . . .	9th March 1857	5th March 1860	
" " T. Murray, M.D. . . . .	15th March 1859	15th June 1859	Vice Dr. Spry on leave.
" " " " . . . . .	6th March 1860	4th April 1873 .	
" " J. Wright . . . . .	12th Feb. 1862 .	10th April 1862	Vice Dr. Murray.
" " D. Simpson, M.D. . . . .	11th April 1862	10th Feb. 1863 .	"
Dr. C. Valentine . . . . .	Jan. 1864 .	March 1864 .	
Surgn. (now Surgn.-Colonel) J. H. Newman, M.D.	23rd Aug. 1871	17th March 1873 *	
" " " " . . . . .	29th April 18, 6	3rd Nov. 1876 *	
Surgn. (now Surgn.-Major-Genl.) L. D. Spencer, M.D.	5th April 1879	18th April 1879	
Surgn. (now Surgn. Colonel) J. H. Newman, M.D. .	19th April 1879	27th March 1884	
" " " " " . . . . .	22nd Nov. 1884	6th May 1889	On furlough from 24th June 1886 to 18th December 1887.
" " " " " . . . . .	21st Feb. 1891 .	31st July 1892 .	
Surgeon J. Crofts, M.D. . . . .	4th June 1882 .	20th June 1882 .	} Vice Dr. Newman, on privilege leave.
" " . . . . .	26th June 1882 .	8th July 1882 .	
" " . . . . .	28th March 1884	21st Nov. 1884 .	
" " . . . . .	24th June 1886	19th Dec. 1887 .	Vice Dr. Newman, on furlough.
Surgeon.-Major D. French-Mullen, M.D. . . .	7th May 1889 .	20th Feb. 1891 .	
" " " " . . . . .	24th March 1893	...	
Surgeon W. H. Neilson . . . . .	4th June 1889 .	28th June 1889	Vice Dr. Mullen, on leave.
Surgeon.-Captain J. Chator-White . . . .	26th July 1893	28th Oct. 1893 .	"
Surgeon.-Major P. D. Pank . . . . .	1st Aug 1892 .	23rd March 1893	Substantive <i>pro tem</i> .
" " . . . . .	4th April 1895	...	Vice Dr. Mullen, on furlough.

\* Dr. Murray resumed charge.



## LIST OF COMMISSIONERS OF AJMERE-MERWARA.

The following information was kindly supplied from the Office of the Commissioner, Ajmere :—

*List of Commissioners of Ajmere-Merwara.*

Prior to 1853 the Officers in charge of Ajmere and Merwara were styled Superintendents, and corresponded, first with the Resident at Delhi, subsequently with the Resident in Malwa and Rajputana, and after 1832 with the Commissioner. From 1858 the united districts remained a Deputy Commissionership under the Agent to the Governor General and Commissioner, who, in his latter capacity was subordinate to the Government of the North-Western Provinces till 1871, when the Province was formed into a Chief Commissionership under the Foreign Department of the Government of India, and a Commissionership of its own, the Chief Commissioner being the Agent to the Governor General for Rajputana.

2. The Superintendents between 1818 and 1853 were Messrs. F. Wilder, Henry Middleton, The Hon'ble R. Cavendish, Major Spiers, Mr. Edmonstone, Lieut. Macnaghten and Colonel Dixon. The exact dates of their holding the office of Superintendent cannot be traced, but the approximate period for which each of them held that office is given below :—

- (1) Mr. F. Wilder, 26th July 1818 to November 1824.
- (2) Mr. H. Middleton, December 1824 to September 1827.
- (3) The Hon'ble R. Cavendish, October 1827 to October 1831.
- (4) Major Spiers, November 1831 to November 1833.
- (5) Mr. Edmonstone, December 1833 to December 1836.
- (6) Lieut. Macnaghten, January 1837 to January 1842.
- (7) Major (afterwards Colonel) Dixon, February 1842 to June 1857.

N.B.—Between 1853 and 1857 Colonel Dixon was styled Commissioner of Ajmere-Merwara, and he corresponded direct with the Government of the North-Western Provinces under which Administration Ajmere was placed in 1832 and Merwara in 1846.

3. The Commissioners, with the office of Agent to the Governor General for Rajputana attached to them, so far as the office has been able to ascertain, were Major Spiers, Colonel Alves, Colonel Sutherland, Major Thoresby, Colonel Low, Colonel Sir Henry Lawrence, Major-General Sir James Outram, K.C.B. ; Major ( afterwards Colonel ) W. F. Eden, Colonel E. K. Elliot, Colonel R. H. Keatinge, and Colonel J. C. Brooks. The approximate period for which each of these officers held the office of Agent to the Governor General for Rajputana and Commissioner of Ajmere-Merwara is given below :—

- (1) Major Spiers, 1833 to 1834.
- (2) Colonel N. Alves, 1835 to 1838.
- (3) Colonel J. Sutherland, 1839 to 21st June 1848.
- (4) Major C. Thoresby, March 1844 to March 1846 (officiating during the time Col. Sutherland was on leave).
- (5) Colonel J. Low, C.B., July 1848 to 24th December 1852.
- (6) Colonel Sir H. M. Lawrence, 5th March 1853 to 16th March 1857.

NOTE.—Lieutenant-Colonel (afterwards Brigadier-General) G. St P. Lawrence officiated from 25th December 1852 to 4th March 1853, pending arrival of Colonel Sir H. M. Lawrence.

- (7) Major-General Sir James Outram, K.C.B., from 17th March 1857 to 10th September 1857.

NOTE.—Brigadier-General G. St. P. Lawrence officiated from 17th March 1857 to 10th September 1857. Major-General Sir James Outram was appointed to the post of Commissioner, and Agent Governor General for Rajputana, but he did not actually join the appointment.

- (8) Brigadier-General G. St. P. Lawrence, from 11th September 1857 to 30th April 1864.

NOTE.—Brigadier-General Lawrence was on 18 months' leave (15 months' sick leave and 3 months' privilege leave) from about 25th April 1859 to 25th October 1860. During this period Major (afterwards Colonel) W. F. Eden officiated.

- (9) Colonel E. K. Elliot, 1st May 1864 to 2nd April 1865.

- (10) Colonel W. F. Eden, 3rd April 1865 to October 1867.

- (11) Lieutenant-Colonel ( afterwards Colonel ) R. H. Keatinge, C.S.I., V.C., from November 1867 to 31st March 1871.

- (12) Colonel J. C. Brooke, officiating, 18th June 1870 to 31st March 1871.

4. The following is the list of Chief Commissioners of Ajmere-Merwara, and Agent to the Governor General for Rajputana, from 1st April 1871 to date :—

- (1) Colonel R. H. Keatinge, V. C., C. S. I., 1st April 1871.

- (2) Colonel J. C. Brooke, 1st April 1871 to 20th June 1873.

- (3) Colonel Sir Lewis Pelly, K.C.S.I., 21st June 1873 to 11th November 1874.

Colonel W. H. Beynon officiated about 3 months.

- (4) Mr. (afterwards Sir.) A. C. Lyall, from 12th November 1874 to 11th December 1878.

Major C. K. M. Walter officiated, November 1876 to April 1877.

- (5) Lieutenant-Colonel (afterwards Colonel) Sir E. R. C. Bradford, K.C.S.I., 12th December 1878 to 26th March 1887. Lieutenant Colonel C. K. M. Walter officiated during Colonel Bradford's furlough from 17th March 1881 to 28th November 1882.

- (6) Colonel C. K. M. Walter, 27th March 1887 to 19th March 1890.

- (7) Colonel G. H. Trevor, C.S.I., 20th March 1890 to 19th March 1895. (Colonel P. W. Powlett, C.S.I., officiated during Colonel Trevor's privilege leave from 28th August 1891 to 1st December 1891.)

- (8) Mr. R. J. Crosthwaite, C. S. I., from 20th March 1895 to date. (Lieutenant Colonel H. B. Abbott officiated from 20th March 1895 to 27th October 1895, during Mr Crosthwaite's absence on furlough.)

5. The list of Commissioners of Ajmere-Merwara, from 1st April 1871 to date, is given below :—

(1) Mr. L. S. Saunders, 15th May 1871 to 15th February 1885.

(a) Captain H. M. Repton, officiating, 16th July 1872 to 15th October 1872.

„ „ 22nd July 1875 to 5th August 1875.

(b) Mr. James White, officiating, 8th to 27th March 1877.

„ „ 3rd May to 4th August 1878.

(c) Major J. H. Lassalle, officiating, 19th May 1881 to 26th June 1881.

(d) Mr. J. R. Fitzgerald, 1st August 1882 to 29th October 1882.

(2) Colonel W. Tweedie, 16th February to 25th June 1885.

Mr. R. M. Dane, officiating, 16th February to 3rd March 1885.

(3) Mr. T. J. C. Plowden, 26th June 1885 to 13th November 1885.

(4) Lieutenant-Colonel (afterwards Colonel) G. H. Trevor, from 14th November 1885 to 19th March 1890.

Colonel K. J. L. Mackenzie officiated, during Colonel Trevor's privilege leave, from 20th August 1888 to 20th November 1888.

(5) Colonel J. Biddulph, 20th March 1890 to 6th January 1893.

(a) Captain A. F. De Laessoe officiated, pending arrival of Colonel Biddulph, from 20th March to 16th April 1890.

(b) Captain A. F. De Laessoe, and Major W. H. C. Wyllie, C.I.E., officiated from 4th July 1891 to 16th July 1891, and 17th July to 1st December 1891, respectively, during Colonel Biddulph's deputation as officiating Agent to the Governor General at Quetta.

(c) Mr. A. H. T. Martindale officiated from 13th April 1892 to 29th May 1894.

(6) Colonel E. S. Reynolds, 7th January 1893 to 22nd February 1894.

(7) Colonel F. A. Wilson, 23rd February 1894 to 29th May 1894.

NOTE.—Colonels Reynolds and Wilson did not actually join the appointment.

(8) Mr. A. H. T. Martindale, 20th May 1894 to date.

Lieutenant-Colonel A. P. Thornton, officiating, from 21st March 1895 to 27th October 1895.

Mr. H. V. Cobb, officiating from 2nd March 1896 to 8th August 1896.

Lieutenant-Colonel A. P. Thornton, officiating, from 9th August 1896 to date.



1876.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.		
		S A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.	
Agra.	January . . . . .	Not available.	29°413	72°7	48°8	61°2	72°1	60°8	60	...	NW & W	110	
	February . . . . .		368	78°7	53°0	66°7	77°7	65°9	43	...	NW & W	109	
	March . . . . .		302	86°5	63°7	77°3	84°6	75°1	42	0°16	NW	98	
	April . . . . .		151	99°4	71°8	89°6	98°4	85°6	29	0°09	NW	118	
	May . . . . .		033	107°2	82°9	98°1	106°2	95°1	29	0°24	W	149	
	June . . . . .		28°950	106°0	87°7	97°7	103°7	96°9	39	2°71	W & NW	145	
	July . . . . .		907	92°9	83°7	87°7	90°5	88°3	72	6°49	E	96	
	August . . . . .		29°045	89°7	81°0	85°6	88°3	85°4	76	4°24	W & E	108	
	September . . . . .		141	87°7	77°9	82°6	86°7	82°8	75	11°65	E & W	103	
	October . . . . .		347	86°6	66°4	79°2	86°1	76°5	60	0°97	W	74	
	November . . . . .		416	82°8	56°2	73°3	81°9	69°5	48	...	W	74	
	December . . . . .		523	74°9	48°3	64°5	74°4	61°6	51	...	W	52	
	Year . . . . .		216	88°8	68°5	80°3	87°6	78°7	52	25°65	...	103	
Pachhadra.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	
	February . . . . .												
	March . . . . .												
	April . . . . .												
	May . . . . .												
	June . . . . .												
	July . . . . .												
	August . . . . .												
	September . . . . .												
	October . . . . .												
	November . . . . .												
	December . . . . .												
	Year . . . . .												
Sirsā.	January . . . . .	Not available.	29°305	76°1	?	Not available.	63°5	73°9	?	?	...	?	?
	February . . . . .												
	March . . . . .												
	April . . . . .												
	May . . . . .												
	June . . . . .												
	July . . . . .												
	August . . . . .												
	September . . . . .												
	October . . . . .												
	November . . . . .												
	December . . . . .												
	Year . . . . .												
Bikaner.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
	February . . . . .												
	March . . . . .												
	April . . . . .												
	May . . . . .												
	June . . . . .												
	July . . . . .												
	August . . . . .												
	September . . . . .												
	October . . . . .												
	November . . . . .												
	December . . . . .												
	Year . . . . .												

1876.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches,	WIND.				
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.			
Jypore.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	...	Not available.	Not available.			
February . . . . .	0'03														
March . . . . .	0'15														
April . . . . .	0'23														
May . . . . .	0'58														
June . . . . .	0'67														
July . . . . .	21'46														
August . . . . .	1'70														
September . . . . .	4'24														
October . . . . .	0'16														
November . . . . .	0'50														
December . . . . .	0'10														
Year . . . . .	29'82														
Sambhar.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	...	Not available.	Not available.			
February . . . . .	...														
March . . . . .	...														
April . . . . .	0'50														
May . . . . .	2'50														
June . . . . .	1'25														
July . . . . .	8'00														
August . . . . .	6'75														
September . . . . .	12'00														
October . . . . .	1'50														
November . . . . .	0'50														
December . . . . .	...														
Year . . . . .	33'00														
Ajmere.	January . . . . .	Not available.	28'370	77'1	48'2	65'6	75'5	62'7	46	...	NE & calm & SW SW,NW & NE SW NW SW SW SW NW NW NE & SW Calm ...	Not available. 181 146 140 84 70 45 31 ...			
February . . . . .	'342		81'0	51'8	70'4	79'4	66'0	47	...						
March . . . . .	259		80'0	61'9	78'7	85'3	71'0	44	0'10						
April . . . . .	'148		101'3	70'3	91'1	98'5	85'8	40	...						
May . . . . .	'061		108'2	82'5	96'5	105'7	95'4	40	...						
June . . . . .	27'994		105'0	83'6	92'6	102'6	94'3	44	2'68						
July . . . . .	'909		91'5	78'5	82'8	88'6	85'0	68	8'67						
August . . . . .	28'039		88'9	75'7	81'2	86'2	82'3	70	5'98						
September . . . . .	'133		89'1	72'9	81'3	84'7	81'0	70	6'60						
October . . . . .	'330		91'1	64'7	81'6	89'2	77'9	53	0'63						
November . . . . .	'306		86'4	54'7	75'0	84'0	70'6	50	0'28						
December . . . . .	'465		81'0	44'3	68'2	78'3	62'7	55	0'02						
Year . . . . .	'204	90'8	65'8	80'4	88'2	78'3	52	24'96							
Mount Abu.	January . . . . .	Not available.	26'109	91'0	Not available			88'1	81'6	...	Not available.	Not available.			
February . . . . .	'949				87'1	69'3	78'4						84'0	78'2	...
March . . . . .	'865				74'2	65'8	69'3						72'0	70'0	...
April . . . . .	'763				70'7	63'2	66'4						69'0	66'9	...
May . . . . .	'865				73'3	63'2	69'7						69'1	68'3	...
June . . . . .	'961				77'4	61'5	72'8						73'2	69'5	...
July . . . . .	'120				74'3	56'6	69'0						69'8	65'5	...
August . . . . .	'172				72'4	52'2	65'7						67'3	62'3	...
September . . . . .	?				?	?	?						?	?	...
October . . . . .															...
November . . . . .															...
December . . . . .															...
Year . . . . .							...								

1876.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . . . .	Not available.	29.527	80.3	50.5	67.0	79.5	65.4	36	..	NE & W	Not available.
	February . . . . .		.492	84.5	52.8	71.0	83.7	68.7	24	..	NE & W	
	March . . . . .		.416	89.8	65.4	78.6	88.7	77.6	30	0.32	W	
	April . . . . .		.295	100.8	70.0	91.3	99.7	85.4	16	0.31	W & NW	
	May . . . . .		.224	105.3	78.9	92.8	103.8	92.1	39	..	SW & S	
	June . . . . .		.151	102.0	81.2	91.1	101.0	91.6	47	0.73	SW	
	July . . . . .		.068	89.2	77.7	82.8	87.0	83.5	78	8.59	SW	
	August . . . . .		.193	86.3	75.1	80.6	84.9	80.7	77	3.03	SW & S	
	September . . . . .		.306	86.6	73.2	81.1	84.1	79.9	76	6.61	SW & W	
	October . . . . .		.466	90.4	63.2	83.1	88.8	76.8	42	..	SW & NW	
	November . . . . .		.499	87.0	57.0	78.8	84.6	72.0	41	..	?	
	December . . . . .		.532	82.7	50.0	73.1	80.8	66.4	34	..	N & NE	
	Year . . . . .		.347	90.4	66.3	80.9	88.9	78.4	45	19.29	..	
Indore.	January . . . . .	Not available.								..	Not available.	Not available.
	February . . . . .									..		
	March . . . . .									..		
	April . . . . .									..		
	May . . . . .									..		
	June . . . . .									..		
	July . . . . .									3.03		
	August . . . . .									10.64		
	September . . . . .									11.74		
	October . . . . .									14.11		
	November . . . . .									0.15		
	December . . . . .									..		
	Year . . . . .									39.67		
Neemuch.	January . . . . .	Not available.									Not available.	Not available.
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .											
	October . . . . .											
	November . . . . .											
	December . . . . .											
	Year . . . . .											
Delhi.	January . . . . .	Not available.	29.261	72.3	?	59.3	68.3	?	?	..	W & NW	108
	February . . . . .		.217	78.7	?	64.7	75.2	?	?	0.10	W & NW	105
	March . . . . .		.135	84.9	?	74.4	80.9	?	?	1.30	NW & W	92
	April . . . . .		28.984	99.0	65.0	87.6	95.0	82.5	?	..	NW	120
	May . . . . .		.904	1.6.2	77.1	95.1	101.9	91.7	48	2.60	NW & NE	117
	June . . . . .		.769	108.6	81.7	97.2	104.8	95.2	?	2.50	NW	143
	July . . . . .		.733	94.1	?	85.8	89.3	?	?	4.60	SE	92
	August . . . . .		.872	94.2	?	86.0	90.9	?	?	0.60	NW & NE	95
	September . . . . .		.978	91.7	76.7	83.9	87.5	84.2	71	5.30	NE & SE	97
	October . . . . .		29.173	87.4	66.0	79.5	85.8	76.7	58	1.90	NW	67
	November . . . . .		.247	81.8	57.1	72.6	79.8	69.5	44	..	NW	77
	December . . . . .		.356	74.7	48.4	62.8	73.0	61.6	44	..	NW	66
	Year . . . . .		29.053	89.2	?	79.1	86.0	?	?	18.90	..	98



1877.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . . . .	Not available.	29°53'6	70°7	49°7	60°8	69°3	60°2	67	0°10	W	64
	February . . . . .		467	73°5	47°8	62°0	73°0	60°7	53	0°20	W	86
	March . . . . .		330	88°8	62°9	77°8	87°6	75°9	47	0°10	W	96
	April . . . . .		247	96°0	71°9	86°6	94°7	84°0	41	..	W & S E	113
	May . . . . .		131	103°5	80°2	94°6	100°3	91°9	37	0°75	W	127
	June . . . . .		000	106°8	86°9	98°7	104°9	96°9	39	0°40	W	148
	July . . . . .		28°97'8	101°2	84°0	93°5	98°8	92°6	53	1°60	W	139
	August . . . . .		29°01'0	104°8	86°2	96°1	102°6	95°5	45	0°65	W	..
	September . . . . .		151	103°1	81°2	94°9	101°3	92°2	41	0°15	W	..
	October . . . . .		348	91°1	70°9	83°6	90°2	81°0	52	3°60	W & N	..
	November . . . . .		433	87°6	63°5	78°2	86°7	75°6	50	..	W	..
	December . . . . .		482	70°9	52°4	62°2	69°8	61°7	67	2°45	W, E & N	..
	Year . . . . .		259	91°5	69°8	82°4	89°9	80°7	49	10°00	..	..
Pachbhadra.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .											
	October . . . . .											
	November . . . . .											
	December . . . . .											
	Year . . . . .											
Sirsa.	January . . . . .	Not available.	29°40'5	68°0	43°5	59°5	65°1	55°8	66	1°20	S E & N	66
	February . . . . .		356	70°1	43°6	60°1	68°6	56°9	56	0°50	W, N W & N	102
	March . . . . .		233	85°0	57°5	75°0	82°3	71°3	47	0°40	N & N W	110
	April . . . . .		161	92°6	64°7	83°4	89°3	78°7	45	0°80	E, S E & W	124
	May . . . . .		020	101°7	73°5	93°4	97°9	87°6	41	0°70	W & E	122
	June . . . . .		28°80'0	106°3	81°8	96°8	103°2	94°1	39	2°10	W	152
	July . . . . .		853	103°7	84°3	94°9	102°1	93°9	47	2°20	W	165
	August . . . . .		890	107°9	84°7	98°3	105°1	96°3	38	..	W	138
	September . . . . .		29°05'7	101°6	76°9	93°7	98°8	89°3	43	2°10	W	128
	October . . . . .		248	93°5	64°5	85°9	90°6	79°0	40	..	W & N W	105
	November . . . . .		337	85°5	58°1	77°2	83°1	71°8	47	0°70	Calm	82
	December . . . . .		372	68°5	45°7	60°9	65°3	57°6	66	3°20	Calm, N W	64
	Year . . . . .		152	90°3	65°0	81°6	87°7	77°7	48	13°90	N, S E & W	113
Bikaner.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .					81°0	90°8	99°4	73	0°14	S W	..
	October . . . . .					73°6	84°6	91°9	59	..	S W	..
	November . . . . .					65°1	76°2	85°1	60	0°75	S W	61
	December . . . . .					50°7	60°9	70°2	56	0°01	N E	57
	Year . . . . .					..	..	..	..	..	..	..

1877.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	0'22	Not available.	Not available.
	February . . . . .									0'37		
	March . . . . .									0'23		
	April . . . . .									0'50		
	May . . . . .									1'33		
	June . . . . .									3'31		
	July . . . . .									0'81		
	August . . . . .									0'61		
	September . . . . .									0'56		
	October . . . . .									1'54		
	November . . . . .									0'17		
	December . . . . .									1'01		
	Year . . . . .									10'66		
Sambhar.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	...	Not available.	Not available.
	February . . . . .									0'25		
	March . . . . .									...		
	April . . . . .									0'25		
	May . . . . .									0'85		
	June . . . . .									4'80		
	July . . . . .									...		
	August . . . . .									0'30		
	September . . . . .									...		
	October . . . . .									1'70		
	November . . . . .									1'05		
	December . . . . .									0'85		
	Year . . . . .									10'05		
Ajmere.	January . . . . .	Not available.	28'465	75'1	43'3	61'7	73'0	59'2	59	0'04	SE & Calm	56
	February . . . . .		'495	77'8	42'9	64'3	75'7	60'4	52	0'89	Calm	63
	March . . . . .		'298	90'9	55'9	79'4	88'1	73'4	42	0'16	SW, N & Calm	79
	April . . . . .		'232	96'3	63'4	86'9	93'1	79'9	40	0'43	SW & S	114
	May . . . . .		'132	102'1	73'7	91'1	99'1	87'9	38	0'82	SW & NW	142
	June . . . . .		'024	110'0	82'9	94'4	102'6	96'5	39	0'75	W	195
	July . . . . .		'013	102'5	77'4	88'5	93'8	90'0	57	4'65	SW & W	187
	August . . . . .		'082	100'9	77'8	88'1	98'5	89'4	47	0'23	W	180
	September . . . . .		'166	100'0	74'3	88'8	97'7	87'2	49	0'19	W	142
	October . . . . .		'326	93'4	64'6	83'7	89'9	79'0	50	1'81	NE	70
	November . . . . .		'404	88'7	57'0	79'2	86'2	72'9	52	0'55	SW & NE	55
	December . . . . .		'409	76'7	48'6	63'9	74'4	62'7	53	1'20	NE & SE	67
	Year . . . . .		'246	92'9	63'5	80'6	89'3	78'2	48	11'72	...	112
Mount Abu.	January . . . . .	Not available.	26'158	68'3	50'0	61'3	61'9	59'2	43	...	NW & SW	Not available.
	February . . . . .		'114	67'6	49'8	60'5	63'7	58'7	36	1'08	NW & SW	
	March . . . . .		'091	79'1	61'5	71'3	74'4	70'3	24	...	W & SW	
	April . . . . .		'045	85'0	66'2	76'4	80'0	75'6	28	0'03	NW & W	
	May . . . . .		25'092	86'4	67'8	79'2	82'3	77'1	39	2'71	SW	
	June . . . . .		'899	87'0	70'0	79'4	84'4	78'5	52	1'86	SW	
	July . . . . .		'873	78'3	65'5	70'1	77'1	71'9	76	4'91	SW	
	August . . . . .		'888	80'3	64'9	71'9	78'5	72'6	67	0'41	SW	
	September . . . . .		'968	78'9	66'6	73'4	76'5	72'8	64	5'80	SW	
	October . . . . .		26'069	78'4	63'7	73'3	75'1	71'1	41	1'68	SW & Calm & NE	
	November . . . . .		'114	77'9	61'6	71'8	74'1	69'8	34	0'27	Calm & SW	
	December . . . . .		'077	70'1	54'1	64'0	65'3	62'1	39	1'00	SW & NE	
	Year . . . . .		'024	78'1	61'8	71'1	74'4	70'0	35	19'75	...	

1877.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	Not available.	29'565	79'6	51'0	70'0	77'6	65'3	41	...	N & N E	Not available.
	February . . .		'524	80'9	54'4	72'1	80'0	67'7	37	0'65	N E & N	
	March . . .		'436	92'2	63'8	80'9	90'8	78'0	32	0'05	W, S W & Calm	
	April . . .		'357	98'5	73'1	88'8	96'9	85'8	27	...	S W, W, N W & Calm	
	May . . .		'276	103'0	78'0	92'3	101'0	91'0	42	0'45	S	
	June . . .		'178	102'2	82'1	91'3	100'8	92'2	53	2'87	S	
	July . . .		'180	95'7	79'4	86'9	94'7	87'6	61	2'82	S	
	August . . .		'221	96'9	79'2	87'2	95'8	88'1	54	...	S	
	September . . .		'319	93'8	76'5	86'5	92'1	85'2	56	2'89	S & Calm	
	October . . .		'450	92'4	68'4	85'8	89'6	80'4	33	1'87	Calm	
	November . . .		'520	91'6	64'3	84'0	88'8	78'0	31	...	Calm	
	December . . .		'523	82'4	56'7	74'7	79'7	69'6	39	0'09	Calm	
	Year . . .		'379	92'5	69'0	83'4	90'7	80'8	42	11'69	...	
Indore.	January . . .	Not available.	?							1'65	?	Not available.
	February . . .		?							0'79	?	
	March . . .		28'080							...	N W, W & S W	
	April . . .		'017							...	W	
	May . . .		27'937							...	W	
	June . . .		'849							6'02	W	
	July . . .		'870							6'83	W	
	August . . .		'894							5'04	W	
	September . . .		'984							0'93	W	
	October . . .		'098							3'10	Calm, N E & E	
	November . . .		'176							...	E & Calm	
	December . . .		'161							0'75	Calm & E	
	Year . . .		?							25'11	...	
Neemuch.	January . . .	Not available.			Not available.					?	?	Not available.
	February . . .									?	?	
	March . . .		28'256	83'9	64'6	78'9	88'1	74'3	34	...	N W	
	April . . .		'199	95'2	71'0	85'4	93'1	83'1	?	...	W & N E	
	May . . .		'111	98'5	75'9	88'7	97'2	87'2	39	0'59	W & S W	
	June . . .		'010	?	79'5	88'4	98'5	?	44	2'25	W	
	July . . .		'016	?	74'4	81'8	88'7	?	48	2'76	S W & W	
	August . . .		'040	?	73'7	83'5	90'4	?	42	...	W	
	September . . .		'149	?	73'1	84'9	90'2	?	44	2'70	W	
	October . . .		'292	88'5	65'2	81'3	86'2	76'9	37	8'24	W & N E	
	November . . .		'363	87'4	59'9	78'9	84'8	73'7	33	...	N E, E & S E	
	December . . .		'353	78'2	53'9	67'5	76'2	66'1	37	1'90	E, S E & N E	
	Year . . .		?	?	?	?	?	?	?	18'44	...	
Delhi.	January . . .	Not available.	29'376	67'9	48'4	58'7	65'9	58'2	68	2'30	N W	57 90 86 87 94 113 160 133 115 61 63 78 95
	February . . .		'300	70'0	48'7	59'4	67'9	59'4	58	2'10	N W	
	March . . .		'175	84'0	60'7	74'4	81'3	72'4	53	0'20	N W	
	April . . .		'099	93'0	68'3	83'8	89'1	80'7	47	0'20	N E & N W	
	May . . .		28'950	100'8	77'7	92'2	98'4	89'3	42	0'30	N W	
	June . . .		'821	105'5	83'7	95'7	102'9	94'6	42	3'70	N W	
	July . . .		'775	102'5	83'9	92'9	99'2	93'2	51	1'30	N W	
	August . . .		'827	105'2	84'7	95'3	102'6	95'0	46	0'10	N W	
	September . . .		'982	102'7	80'8	93'0	100'0	91'8	40	...	N W	
	October . . .		29'185	89'7	69'6	81'0	87'8	79'7	49	5'30	N W & W	
	November . . .		'268	86'4	62'4	76'6	83'0	74'4	48	...	N W	
	December . . .		'311	69'1	50'7	60'5	67'4	59'9	67	2'40	N W	
	Year . . .		'089	89'7	68'3	80'3	87'1	79'0	51	17'90	...	



1878.

Station.	MONTH.	PRESSURE.			TEMPERATURE.				Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . . . .	Not available.	29°509	69°0	46°3	58°3	68°3	57°7	58	..	W & E	Not available.
	February . . . . .		466	78°5	55°3	67°6	77°3	66°9	55	..	W	
	March . . . . .		370	92°6	62°8	81°2	91°6	77°7	35	0°05	W	
	April . . . . .		259	98°7	73°7	88°5	96°9	86°2	38	0°45	W	
	May . . . . .		160	99°5	77°4	89°7	97°1	88°5	47	0°5	W	
	June . . . . .		28°993	109°2	86°4	100°4	106°8	97°8	35	3°40	W	
	July . . . . .		983	99°2	83°8	91°9	96°4	91°5	65	5°65	E	
	August . . . . .		29°047	93°2	81°2	87°7	90°8	87°2	76	1°85	E	
	September . . . . .		118	92°1	78°8	85°7	91°0	85°5	74	4°90	N	
	October . . . . .		257	97°4	71°6	87°7	96°7	84°5	40	..	W & N W	
	November . . . . .		404	85°0	55°2	72°3	84°5	70°1	35	..	W & N	
	December . . . . .		467	75°4	46°9	63°8	74°9	61°2	44	..	W & N W	
	Year . . . . .		253	90°8	68°3	81°3	89°4	79°6	50	17°25	...	
Pachthadra.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .											
	October . . . . .											
	November . . . . .											
	December . . . . .											
	Year . . . . .											
Sirsa.	January . . . . .	Not available.	29°409	67°4	40°6	57°9	65°2	54°0	56	0°10	N W & N	75
	February . . . . .		361	74°3	50°4	65°5	71°8	62°4	58	0°50	N Calm	84
	March . . . . .		266	89°8	57°8	79°8	87°7	73°8	37	..	N, N W & Calm	89
	April . . . . .		135	94°0	67°5	86°3	91°1	80°8	42	3°40	N	89
	May . . . . .		016	97°7	72°7	89°2	94°4	85°2	46	3°50	SE	103
	June . . . . .		28°8°5	107°7	81°9	98°3	102°6	94°8	39	1°60	W	108
	July . . . . .		841	101°5	82°0	93°7	96°9	91°8	60	3°60	E & SE	146
	August . . . . .		908	94°3	79°8	88°8	90°2	87°1	74	9°80	SE & E	133
	September . . . . .		971	99°5	77°3	93°4	96°8	88°4	59	0°10	W & E	87
	October . . . . .		29°136	97°5	63°6	91°1	95°8	80°6	37	..	Calm & N W	65
	November . . . . .		201	84°0	45°3	74°9	81°9	64°7	37	..	N W & Calm	47
	December . . . . .		356	71°6	39°2	61°0	70°1	55°4	50	0°90	Calm & N W	46
	Year . . . . .		130	89°9	63°2	81°7	87°0	76°6	50	23°50	...	89
Bikaner.	January . . . . .	Not available.	Untrustworthy.	?	45°3	57°4	68°3	?	60	0°01	N E	82
	February . . . . .			?	55°7	67°5	75°2	?	59	0°44	SW & NE	111
	March . . . . .			?	?	?	?	?	?	..	?	?
	April . . . . .			?	?	?	?	?	?	1°05	?	?
	May . . . . .			103°7	79°0	91°8	100°4	91°4	43	3°34	SW & NW	168
	June . . . . .			109°4	87°0	97°6	106°5	98°2	40	1°77	SW	177
	July . . . . .			103°8	85°4	93°4	100°0	94°6	58	5°49	SW	155
	August . . . . .			95°7	81°4	88°3	91°7	88°6	71	5°62	SW	112
	September . . . . .			102°0	82°3	93°8	100°2	92°2	55	..	SW	128
	October . . . . .			99°2	73°4	90°5	97°8	86°3	45	0°16	SW & W	93
	November . . . . .			84°7	54°4	73°6	83°6	69°6	30	..	N & Calm	54
	December . . . . .			74°3	45°3	62°6	72°9	59°8	36	..	N & Calm	54
	Year . . . . .			?	?	?	?	?	?	17°88	...	?

1878.

Station.	MONTH.	PRESSURE.			TEMPERATURE.				Mean humidity daily %	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	0'39	Not available.	Not available.
	February . . . . .									0'90		
	March . . . . .									..		
	April . . . . .									0'34		
	May . . . . .									0'96		
	June . . . . .									1'03		
	July . . . . .									6'39		
	August . . . . .									10'60		
	September . . . . .									3 16		
	October . . . . .									..		
	November . . . . .									..		
	December . . . . .									..		
	Year . . . . .									23'77		
Sambhar.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	0'10	Not available.	Not available.
	February . . . . .									..		
	March . . . . .									0'30		
	April . . . . .									2'43		
	May . . . . .									..		
	June . . . . .									2'05		
	July . . . . .									2'80		
	August . . . . .									3'76		
	September . . . . .									..		
	October . . . . .									..		
	November . . . . .									..		
	December . . . . .									..		
	Year . . . . .									12'34		
Ajmere.	January . . . . .	Not available.	28'433	74'1	41'2	61'9	72'1	57'7	42	..	SE & NE	6
	February . . . . .		413	81'8	51'8	71'0	78'6	66'8	42	0'04	SE & SW	8
	March . . . . .		323	95'9	58'9	84'4	93'3	77'4	41	..	NE	8
	April . . . . .		216	99'9	67'4	90'1	96'7	83'7	42	0'03	SW	12
	May . . . . .		105	101'9	70'2	90'8	97'9	86'1	46	2'71	SW	16
	June . . . . .		018	106'0	78'0	94'5	103'3	92'0	37	1'65	SW	15
	July . . . . .		27'056	99'0	78'0	88'5	95'0	88'5	48	10'06	SW	15
	August . . . . .		28'002	91'0	74'6	83'8	87'3	82'8	79	15'02	SW & NE	9
	September . . . . .		081	96'4	74'0	88'3	94'8	85'2	66	1'17	SW & NE	10
	October . . . . .		237	98'7	68'0	89'3	97'6	83'4	43	..	SW & NE	70
	November . . . . .		343	88'0	49'4	76'2	86'4	68'7	36	..	NE	41
	December . . . . .		388	78'5	40'5	66'4	76'3	59'5	41	..	NE & SE	37
	Year . . . . .		210	92'6	62'7	82'1	89'9	77'7	47	30'68	..	97
Mount Abu.	January . . . . .	Not available.	Untrust- worthy	66'4	46'3	58'8	62'0	56'4	30	0'09	NE & SW.	Not available.
	February . . . . .		?	72'7	56'3	64'7	68'8	64'5	31	0'16	SW	
	March . . . . .		?	83'0	64'7	75'7	80'3	73'0	24	..	W & S	
	April . . . . .		050	84'3	67'1	77'2	81'8	75'7	33	0'19	SW & W	
	May . . . . .		25'065	87'3	70'6	79'9	85'2	79'0	44	1'09	SW	
	June . . . . .		881	86'7	70'6	79'5	83'7	78'7	62	3'28	SW	
	July . . . . .		814	78'0	68'4	73'4	75'5	73'2	89	28'23	SW	
	August . . . . .		845	73'6	66'7	69'9	71'6	70'2	94	33'72	SW	
	September . . . . .		933	78'5	67'8	74'8	75'5	73'2	77	3'55	NE	
	October . . . . .		26'066	82'2	67'2	77'7	79'7	74'7	40	..	W & SW	
	November . . . . .		097	76'0	57'9	71'1	72'6	67'0	36	..	E	
	December . . . . .		105	68'2	49'1	62'2	64'0	58'7	39	..	NE & E	
	Year . . . . .		?	78'1	62'7	72'1	75'1	70'4	50	70'31	..	

1878.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Deesa.	January . . . .	Not available.	29'569	77'5	48'0	67'9	76'0	62'8	28	...	N, N E & Calm	Not available.
	February . . . .		'547	86'3	58'9	77'3	84'5	72'6	30	...	W & Calm	
	March . . . . .		'458	97'3	66'1	87'3	95'7	81'7	21	...	Calm, W & N	
	April . . . . .		'358	100'0	73'3	90'6	98'2	86'7	27	0'04	S W & W	
	May . . . . .		'250	103'2	79'8	91'2	102'2	91'5	48	1'36	S W & S	
	June . . . . .		'147	102'8	82'3	92'2	101'1	92'6	51	0'21	S	
	July . . . . .		'097	93'8	80'5	86'4	91'5	87'2	74	4'63	S & S W	
	August . . . . .		'144	86'5	77'4	82'1	84'7	82'0	82	21'79	W & Calm	
	September . . . .		'221	93'4	78'0	87'5	91'2	85'7	69	3'26	N	
	October . . . . .		'365	96'9	70'3	89'8	94'9	83'6	34	...	Calm & W	
	November . . . .		'447	91'3	56'3	83'8	88'5	73'8	33	...	N E	
	December . . . .		'511	82'3	48'8	73'5	79'9	65'6	32	...	N E	
	Year . . . . .		'343	92'6	68'3	84'1	90'7	80'5	44	31'29		
Indore.	January . . . . .	Not available.	28'180	...	Not available.			...	...	...	E & W	Not available.
	February . . . . .		'182	...	Not available.			...	...	...	W & N W	
	March . . . . .		'105	...	Not available.			...	...	9'01	W & N W	
	April . . . . .		'013	99'1	69'5	91'1	95'6	84'3	23	...	W & N W	
	May . . . . .		27'923	102'2	76'2	91'9	99'2	89'2	33	...	W N W & S W	
	June . . . . .		'822	100'7	78'8	90'5	96'4	89'8	48	3'45	W	
	July . . . . .		'801	85'9	73'8	79'6	80'5	79'9	85	13'53	S W & W	
	August . . . . .		'825	83'2	72'5	78'1	80'4	77'9	87	12'67	S W & W	
	September . . . .		'883	84'6	72'1	80'5	83'2	78'4	81	15'09	W & Calm	
	October . . . . .		?	90'1	66'0	83'7	87'2	78'1	58	0'57	E, N & W	
	November . . . .		28'070	?	56'8	79'4	83'6	?	45	...	E & Calm	
	December . . . .		?	?	47'8	70'2	76'0	?	42	...	E, Calm, & N	
	Year . . . . .		?	?	?	?	?	?	?	45'32		
Neemuch.	January . . . . .	Not available.	28'383	74'4	45'3	61'9	72'3	59'9	31	0'24	E & N E	Not available.
	February . . . . .		'366	83'7	55'0	71'8	81'4	69'4	30	...	W & E	
	March . . . . .		'293	95'3	62'8	84'0	92'6	79'1	23	0'05	W & S W	
	April . . . . .		'185	99'3	70'9	89'0	97'0	85'1	28	...	S W & W	
	May . . . . .		'084	102'8	75'5	91'9	100'1	89'2	32	0'15	W & S W	
	June . . . . .		?	102'2	78'8	92'0	98'5	90'5	38	1'46	S W & W	
	July . . . . .		?	89'5	75'1	83'7	86'6	82'3	67	15'85	S W & W	
	August . . . . .		'019	85'6	74'1	80'3	82'9	79'9	83	15'18	S W	
	September . . . .		'070	88'5	72'9	82'9	85'3	80'7	76	10'78	S W & W	
	October . . . . .		'219	92'7	66'8	85'8	91'1	79'8	46	...	N W & W	
	November . . . .		'208	85'2	55'1	76'6	83'4	70'2	34	...	N E & N	
	December . . . .		'347	75'9	47'3	66'4	74'9	61'6	32	...	N E, S E & S W }	
	Year . . . . .		?	89'7	65'0	80'5	87'2	77'4	43	43'71	...	
Delhi.	January . . . . .	Not available.	29'342	66'6	45'8	56'0	65'0	56'2	59	1'10	N W	70 80 88 83 93 103 164 124 76 55 65 80 91
	February . . . . .		'292	74'2	55'0	64'7	72'5	64'6	61	1'20	N W	
	March . . . . .		'187	89'4	62'6	78'5	87'5	76'0	37	0'10	N W	
	April . . . . .		'066	95'2	71'8	86'9	91'8	83'5	41	1'50	N W	
	May . . . . .		28'965	96'5	74'0	88'3	94'0	85'3	46	0'80	N E & N W }	
	June . . . . .		'791	108'4	86'1	98'6	104'8	97'3	33	0'40	& S W	
	July . . . . .		'789	98'4	83'0	91'0	95'4	90'7	63	13'60	N W	
	August . . . . .		'862	91'7	80'3	86'7	88'1	86'0	78	18'80	S E	
	September . . . .		'921	93'9	79'5	87'8	91'6	86'7	67	0'60	N W	
	October . . . . .		29'077	94'3	70'3	85'2	92'4	82'3	43	...	N W	
	November . . . .		'227	83'0	54'2	71'3	79'9	68'6	38	...	NW, W & Calm	
	December . . . .		'293	73'8	46'7	60'9	71'3	60'3	38	...	W	
	Year . . . . .		'068	88'8	67'5	79'7	86'2	78'2	50	38'10	...	



1879.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily.	Total rainfall inches.	WIND.	
		8 A. M. Mean.	Mean daily.	Mean max- imum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 rs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . . . .	Not available.	29'491	74'8	47'3	62'0	74'4	61'1	40	0'66	W	2
	February . . . . .		417	80'0	54'0	68'5	79'3	67'0	48	0'11	W	2
	March . . . . .		339	89'7	62'5	79'6	88'7	76'1	35	0'15	W	3
	April . . . . .		189	104'7	74'3	94'7	103'3	89'5	21	0'03	W	3
	May . . . . .		043	110'6	83'9	101'7	108'9	97'3	23	...	W	3
	June . . . . .		28'976	103'1	84'4	94'9	99'4	93'8	50	3'02	W	3
	July . . . . .		082	91'8	80'1	86'1	90'3	86'0	76	7'93	S W & W	3
	August . . . . .		29'016	87'2	78'6	83'3	85'2	82'9	85	10'62	E	3
	September . . . . .		133	89'1	74'9	84'3	87'8	82'0	74	6'60	W	126
	October . . . . .		317	89'5	66'3	81'6	88'5	77'9	56	0'28	W	85
	November . . . . .		449	81'7	51'2	71'7	81'3	66'5	42	...	W	81
	December . . . . .		478	74'7	45'3	62'3	74'0	60'0	49	0'20	W	72
	Year . . . . .		236	89'7	66'9	80'9	88'4	78'3	51	29'60	...	?
Pachbhadra.	January . . . . .	Not available.	Untrustworthy.	Not available.	Not available.	Not available.	Not available.	Not available.	...	...	Not available.	Not available.
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .											
	October . . . . .											
	November . . . . .											
	December . . . . .											
	Year . . . . .											
Sirsa.	January . . . . .	Not available.	Untrustworthy.	74'5	39'3	62'5	71'9	56'9	43	...	Calm & N W	51
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .											
	October . . . . .											
	November . . . . .											
	December . . . . .											
	Year . . . . .											
Bikaner.	January . . . . .	Not available.	Untrustworthy.	75'5	45'9	63'8	74'2	60'7	29	...	N	50
	February . . . . .											
	March . . . . .											
	April . . . . .											
	May . . . . .											
	June . . . . .											
	July . . . . .											
	August . . . . .											
	September . . . . .											
	October . . . . .											
	November . . . . .											
	December . . . . .											
	Year . . . . .											

1879.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		S. A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	0'05	Not available.	Not available.
	February . . . . .									0'54		
	March . . . . .									0'12		
	April . . . . .									...		
	May . . . . .									...		
	June . . . . .									5'43		
	July . . . . .									4'64		
	August . . . . .									20'82		
	September . . . . .									2'54		
	October . . . . .									0'81		
	November . . . . .									...		
	December . . . . .									0'93		
	Year . . . . .									35'88		
Sambhar.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	...	Not available.	Not available.
	February . . . . .									0'34		
	March . . . . .									0'20		
	April . . . . .									...		
	May . . . . .									0'05		
	June . . . . .									3'61		
	July . . . . .									2'07		
	August . . . . .									15'77		
	September . . . . .									2'40		
	October . . . . .									0'57		
	November . . . . .									...		
	December . . . . .									0'42		
	Year . . . . .									25'43		
Ajmere.	January . . . . .	Not available.	28'405	79'6	41'9	66'4	77'8	60'8	41	...	NE & SE	40
	February . . . . .		'342	81'4	49'2	69'8	79'1	65'3	40	0'89	SE & NE	57
	March . . . . .		'286	87'8	55'5	78'6	85'7	71'7	33	0'27	SW	87
	April . . . . .		'189	101'1	69'1	92'9	99'3	85'1	23	0'02	SW	116
	May . . . . .		'052	109'4	78'2	100'3	106'2	93'8	27	0'13	SW	112
	June . . . . .		27'991	100'1	78'1	90'5	96'6	89'1	51	6'56	SW	174
	July . . . . .		'970	95'8	76'3	86'1	92'9	86'1	61	0'38	SW	188
	August . . . . .		'983	86'4	72'4	80'1	83'5	79'4	83	16'71	W	98
	September . . . . .		28'127	89'5	70'3	82'6	87'7	79'9	70	2'03	W	100
	October . . . . .		'291	92'1	60'5	84'8	89'8	76'3	53	0'10	NE & NW	49
	November . . . . .		'395	83'6	43'2	75'5	81'3	63'4	36	...	NE	28
	December . . . . .		'400	76'8	39'8	66'1	75'1	58'3	38	0'51	NE	30
	Year . . . . .		'203	90'3	61'2	81'1	87'9	75'8	46	27'60	...	90
Mount Abu.	January . . . . .	Not available.	26'129	69'8	52'2	63'6	66'0	61'0	35	...	E	?
	February . . . . .		'069	68'8	53'4	62'8	66'5	61'1	39	2'91	SW	129
	March . . . . .		'061	74'9	57'9	68'2	72'6	66'4	36	0'04	W & SW	172
	April . . . . .		'023	85'6	68'6	79'3	83'2	77'1	23	...	SW	162
	May . . . . .		25'910	91'4	74'8	84'9	88'6	83'1	28	0'08	SW	179
	June . . . . .		'836	81'5	66'7	73'7	78'9	74'1	75	6'40	SW & S	268
	July . . . . .		'815	75'3	65'0	69'5	73'3	70'2	86	14'98	SW	319
	August . . . . .		'805	72'0	64'9	67'5	68'8	68'5	96	41'04	SW	221
	September . . . . .		'941	73'2	63'2	69'0	71'1	68'2	82	4'99	SW	178
	October . . . . .		26'079	77'9	63'3	74'3	75'7	70'6	43	1'06	E & W	103
	November . . . . .		'122	71'2	53'4	66'3	67'7	62'3	31	...	NE, E & SE	81
	December . . . . .		'687	68'5	51'0	62'3	65'0	59'8	38	0'02	E & N	101
	Year . . . . .		25'990	75'8	61'2	70'1	73'1	68'5	51	71'52	...	?

1879.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Total rainfall in inches.	WIND.	
		S. A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.		Prevailing direction.	Velocity in miles per day.
Deesa.	January . . . . .	Not available.	29°53'1	84°2	48°6	74°1	82°0	66°4	37	NE	?
	February . . . . .		47'1	84°8	54°7	76°1	82°7	69°8	38	NE & NW	?
	March . . . . .		435	90°0	62°9	81°8	89°2	76°9	35	W & NW	?
	April . . . . .		332	101°3	70°0	90°5	99°5	85°7	27	W	?
	May . . . . .		178	107°4	79°0	95°2	105°7	93°2	35	SW	?
	June . . . . .		121	98°9	79°6	89°6	97°0	89°3	56	SW	414
	July . . . . .		126	92°1	77°2	85°2	90°7	84°7	69	SW	396
	August . . . . .		129	85°9	75°3	81°1	83°6	80°6	84	SW	282
	September . . . . .		288	89°3	72°6	82°8	87°4	81°0	73	SW	202
	October . . . . .		413	95°4	65°1	88°4	93°2	80°3	40	NE & S	159
	November . . . . .		522	87°0	50°6	80°3	84°9	68°8	25	NE & E	182
	December . . . . .		521	82°5	49°7	74°1	80°2	66°1	35	E, NE & N	219
	Year . . . . .		339	91°6	65°4	83°3	89°7	78°5	40	...	?
Indore.	January . . . . .	Not available.	28°156	?	48°8	72°3	79°2	?	38	E & W	60
	February . . . . .		106	84°2	53°8	73°9	82°3	69°0	38	SE & SW	78
	March . . . . .		082	91°3	58°9	81°9	88°5	75°1	28	N E	83
	April . . . . .		27°982	100°5	67°2	92°2	98°6	83°9	22	W	103
	May . . . . .		849	102°8	77°0	94°5	99°8	89°9	32	W	121
	June . . . . .		811	92°3	73°8	83°2	87°8	83°1	66	W	153
	July . . . . .		814	85°7	73°3	79°5	82°9	79°5	73	W	144
	August . . . . .		812	81°9	73°0	76°9	79°4	77°5	80	W	149
	September . . . . .		919	83°3	72°4	77°5	80°2	77°9	77	W	142
	October . . . . .		28°066	85°9	68°4	80°2	82°9	77°2	59	E	58
	November . . . . .		156	79°2	55°9	73°9	76°5	67°6	27	E	48
	December . . . . .		152	77°0	51°4	70°3	74°7	64°2	26	E	55
	Year . . . . .		27°992	...	64°5	79°9	84°4	?	47	...	99
Neemuch.	January . . . . .	Not available.	28°371	78°5	48°1	67°4	77°1	63°3	33	SW & SE	?
	February . . . . .		307	80°1	53°5	69°9	79°0	66°8	39	NW & SW	?
	March . . . . .		265	88°3	59°6	78°5	86°7	74°0	32	W	208
	April . . . . .		171	100°1	69°2	91°3	98°6	84°7	26	W	239
	May . . . . .		027	106°4	77°7	96°2	103°9	92°1	27	W	277
	June . . . . .		27°972	95°8	76°0	86°8	93°2	85°9	55	SW	309
	July . . . . .		069	89°3	74°3	82°8	87°3	81°8	68	SW	228
	August . . . . .		972	83°4	72°7	77°5	80°9	78°1	85	SW	300
	September . . . . .		28°109	85°9	69°9	80°1	83°2	77°9	75	SW & NW	251
	October . . . . .		259	88°4	64°3	82°4	86°7	76°4	48	NW & SW	156
	November . . . . .		359	80°2	50°5	72°7	78°7	65°4	31	SE & NE	114
	December . . . . .		358	75°5	46°7	65°0	73°9	61°1	36	S	160
	Year . . . . .		178	87°7	63°5	79°2	85°8	75°6	46	...	?
Delhi.	January . . . . .	Not available.	29°310	74°2	44°6	61°0	72°2	59°4	46	W	67
	February . . . . .		258	78°2	53°0	66°5	76°4	65°6	44	W	88
	March . . . . .		160	86°4	62°9	76°1	84°1	74°7	41	W & NW	102
	April . . . . .		016	102°0	73°8	91°2	99°6	79°8	25	W	109
	May . . . . .		28°876	108°9	81°5	99°0	106°4	95°2	24	W	107
	June . . . . .		802	100°7	82°8	92°8	97°7	91°8	53	SE & NW	166
	July . . . . .		784	91°3	79°9	85°0	90°2	85°6	?	SE & NE	110
	August . . . . .		838	87°7	77°9	82°0	85°6	82°8	?	SE	106
	September . . . . .		060	90°9	75°0	84°5	88°9	83°0	68	W & NW	112
	October . . . . .		29°152	90°3	67°9	81°9	87°9	79°1	52	W	71
	November . . . . .		275	81°2	52°4	70°2	78°6	66°8	44	W	68
	December . . . . .		306	72°8	45°9	59°5	70°7	59°4	50	W	65
	Year . . . . .		061	88°7	66°5	79°2	86°5	77°6	?	...	86



1880.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . . . .	Not available.	29°437	76°5	47°1	63°4	76°0	61°8	50	...	W	83
	February . . . . .		411	76°2	50°5	64°7	75°2	63°4	46	0°10	W	116
	March . . . . .		274	99°0	66°0	86°5	98°4	82°5	31	...	W	108
	April . . . . .		153	105°9	76°3	96°6	104°5	91°1	25	...	W	127
	May . . . . .		052	106°8	82°1	96°8	104°6	94°5	33	0°53	W	139
	June . . . . .		28°924	107°5	89°7	100°3	105°2	98°6	39	0°10	N W & W	145
	July . . . . .		979	92°0	79°5	86°4	89°3	85°8	77	8°27	E & W	116
	August . . . . .		29°052	95°7	78°4	89°0	94°1	87°1	65	0°08	S W	127
	September . . . . .		163	93°4	77°7	87°0	91°1	85°6	65	4°04	E	103
	October . . . . .		332	96°0	70°1	87°4	94°0	83°1	40	...	W & Calm	57
	November . . . . .		489	83°6	57°2	74°6	82°6	70°4	44	0°22	W & N W	53
	December . . . . .		528	73°5	48°3	62°7	72°8	60°9	58	0°75	W	51
	Year . . . . .		233	92°2	68°6	83°0	90°7	80°4	48	14°99	...	102
Pachbhadra.	January . . . . .	Not available.	Untrustworthy.	83°5	45°5	67°1	81°7	64°5	48	...	N E	99
	February . . . . .			79°5	45°7	67°4	77°6	62°6	32	0°06	N W & N E	116
	March . . . . .			103°4	62°1	89°1	100°6	82°8	30	...	S E	117
	April . . . . .			107°2	70°2	94°8	103°9	88°7	37	...	S, S E & S W	158
	May . . . . .			108°4	77°8	93°5	104°7	93°1	53	...	S W	297
	June . . . . .			104°4	80°3	91°2	100°5	92°4	60	1°03	S W	374
	July . . . . .			96°5	78°0	87°2	93°7	87°3	66	1°93	S W	309
	August . . . . .			93°7	75°2	85°0	90°7	84°5	65	6°03	S W	281
	September . . . . .			99°0	74°7	88°5	95°8	86°9	52	1°26	S W	166
	October . . . . .			99°0	69°3	88°0	95°2	84°2	35	0°14	Calm	81
	November . . . . .			89°7	53°1	79°4	85°6	71°4	35	...	Calm	53
	December . . . . .			83°5	48°0	71°3	79°4	65°8	43	0°08	Clam	32
	Year . . . . .			95°7	65°0	83°5	92°5	80°4	46	10°53	...	173
Sirsa.	January . . . . .	Not available.	29°328	74°9	42°0	64°3	73°2	58°5	48	...	Calm & N W	38
	February . . . . .		295	71°8	45°2	62°0	69°0	58°5	53	0°36	N W	70
	March . . . . .		167	98°2	60°5	86°1	96°3	79°4	34	...	W & N W	58
	April . . . . .		027	105°2	70°0	97°1	103°6	87°6	27	...	W	89
	May . . . . .		28°912	109°2	80°8	100°0	107°4	95°0	30	0°08	W	113
	June . . . . .		790	107°5	87°2	98°6	105°1	97°4	40	3°22	W	164
	July . . . . .		838	97°3	80°2	90°7	95°0	88°8	63	0°97	W & E	129
	August . . . . .		905	101°3	80°1	93°2	99°6	90°7	50	0°11	W	145
	September . . . . .		29°026	100°4	74°8	93°0	97°8	87°6	46	0°75	W & E	116
	October . . . . .		204	98°0	63°1	92°0	96°8	80°6	28	...	W	87
	November . . . . .		354	84°4	49°6	77°3	82°7	67°0	38	...	Calm & W	79
	December . . . . .		405	71°0	43°7	62°1	69°6	57°4	56	0°68	N	73
	Year . . . . .		104	93°3	64°8	84°7	91°3	79°1	43	6°17	...	97
Bikaner.	January . . . . .	Not available.	29°291	77°9	50°6	66°3	76°4	64°3	32	0°03	Calm	53
	February . . . . .		280	72°6	50°4	62°4	69°9	61°5	?	0°56	N E & N W	90
	March . . . . .		065	98°2	71°0	88°6	97°2	84°6	25	...	S W	101
	April . . . . .		28°062	104°0	79°0	95°5	102°4	91°5	23	...	S W	139
	May . . . . .		829	108°6	85°4	98°5	106°6	97°0	31	0°35	S W	179
	June . . . . .		706	105°8	86°4	95°2	105°1	96°1	44	1°71	S W	210
	July . . . . .		439	98°7	82°0	89°9	96°6	90°4	57	3°82	S W	175
	August . . . . .		818	96°0	79°5	88°5	93°7	87°8	57	2°61	S W	184
	September . . . . .		019	98°6	79°4	90°9	97°3	89°0	45	0°58	S W	140
	October . . . . .		29°107	96°6	74°3	88°6	95°3	85°6	29	0°05	S W	96
	November . . . . .		250	84°2	60°1	75°2	82°7	72°2	26	0°07	Calm	67
	December . . . . .		289	74°9	51°2	64°6	72°6	63°1	29	0°08	N E	70
	Year . . . . .		021	93°0	70°8	83°7	91°3	81°9	?	9°86	...	125

1880.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.					
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.				
Jeypore.	January . . . . .	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	Not available.	...	Not available.	Not available.				
	February . . . . .												0'24	Not available.	Not available.	
	March . . . . .												...			
	April . . . . .												...			
	May . . . . .												0'38			
	June . . . . .												2'81			
	July . . . . .												9'05			
	August . . . . .												2'65			
	September . . . . .												2'08			
	October . . . . .												0.18			
	November . . . . .												0'30			
	December . . . . .												0'16			
Year . . . . .	17'85															
Sambhar.	January . . . . .	Not available.	28'477	Not recorded.					25	...	N W	?				
	February . . . . .			Not recorded.									0'27	?		
	March . . . . .			Not recorded.									...	?		
	April . . . . .			101'1	74'6	90'6	100'0	87'9					...	?		
	May . . . . .			104'5	77'9	94'0	102'2	91'2					39	0'25	N W & S W	?
	June . . . . .			102'9	83'3	92'6	99'3	93'1					43	0'97	S W	?
	July . . . . .			91'5	76'7	84'2	87'4	84'1					71	8'19	S W	?
	August . . . . .			91'0	74'0	83'2	87'4	82'5					68	4'96	S W	?
	September . . . . .			94'2	73'2	85'5	90'8	83'7					58	0'64	W	?
	October . . . . .			92'8	66'3	84'7	90'7	79'6					42	0'75	W	8
	November . . . . .			82'5	53'3	75'6	80'9	67'9					?	0'34	W & Calm	672
	December . . . . .			76'2	74'8	68'2	73'3	60'5					46	0'20	Calm	70
Year . . . . .	?	?	?	?	?	?	16'57	...	?							
Ajmer.	January . . . . .	Not available.	28'373	78'4	41'9	66'1	75'8	60'2	43	...	S	53				
	February . . . . .		33'7	73'9	42'8	62'6	71'9	58'4	46	0'28	S W	83				
	March . . . . .		244	96'7	58'1	85'6	94'4	77'4	38	...	W & S W	101				
	April . . . . .		154	101'2	67'4	90'0	98'4	84'3	35	...	S W & W	164				
	May . . . . .		069	103'5	75'6	90'8	98'9	89'6	43	0'18	S W & W	252				
	June . . . . .		27'953	99'9	76'1	87'5	97'2	88'0	59	0'94	W & S W	236				
	July . . . . .		969	88'8	73'2	80'9	86'7	81'0	77	10'21	W & S W	181				
	August . . . . .		28'057	87'6	72'7	79'9	85'7	80'2	75	2'85	W	150				
	September . . . . .		128	92'5	71'2	83'2	90'1	81'9	64	2'91	W & N E	139				
	October . . . . .		302	92'7	63'4	83'8	89'9	78'1	49	0'47	W	79				
	November . . . . .		421	83'5	50'2	74'1	80'5	66'9	48	0'28	N E & Calm	28				
	December . . . . .		457	76'9	45'0	65'2	74'4	61'0	51	0'10	S E	34				
Year . . . . .	205	89'6	61'5	79'1	87'0	75'6	52	18'22	...	125						
Mount Abu.	January . . . . .	Not available.	?	71'9	54'3	65'6	68'7	63'1	32	...	B & N E	121				
	February . . . . .		26'104	66'8	49'8	60'3	63'8	58'3	30	0'05	S W	139				
	March . . . . .		076	85'6	68'1	79'2	83'6	76'9	20	...	N, E & W	155				
	April . . . . .		008	88'4	70'6	80'1	86'6	79'5	22	...	S W	191				
	May . . . . .		25'932	88'2	70'1	80'4	86'8	79'2	37	0'42	S W	232				
	June . . . . .		810	81'9	66'8	73'1	80'6	74'4	69	4'03	S W	290				
	July . . . . .		809	74'4	64'2	67'0	71'7	69'3	91	10'79	S W	218				
	August . . . . .		888	71'9	62'7	66'4	69'8	67'3	88	20'12	S W	278				
	September . . . . .		952	75'9	65'3	72'0	74'0	70'6	69	7'60	N, N E & S W	167				
	October . . . . .		26'098	79'4	65'0	75'4	77'2	72'2	42	5'20	N E & S E	93				
	November . . . . .		155	71'3	55'8	66'5	68'6	63'6	43	0'30	S E & N E	91				
	December . . . . .		162	67'9	53'1	63'0	65'5	60'5	46	0'74	N E	105				
Year . . . . .	?	77'0	62'2	70'8	74'7	69'6	49	49'25	...	173						

1880.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean max. num.	Mean min. num.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	Not available.	29'508	35'1	50'0	74'5	83'6	67'6	40	...	NE & E	102
	February . . .		'479	81'7	50'9	72'2	80'1	66'3	24	0'02	NE & N	227
	March . . .		'381	102'5	64'1	91'3	100'7	83'3	24	...	W, S W & NE	195
	April . . .		'204	104'8	71'0	92'2	103'2	87'9	29	...	W & S W	223
	May . . .		'208	105'3	77'2	90'7	104'3	91'3	40	...	S W	337
	June . . .		'098	99'6	78'7	88'4	98'0	89'2	55	0'29	S W	488
	July . . .		'119	90'3	75'9	83'1	88'6	83'1	75	9'65	S W	324
	August . . .		'213	88'8	72'7	81'9	87'4	80'8	73	10'23	S W	269
	September . . .		'278	90'4	71'1	83'0	88'9	80'8	70	9'20	S W	182
	October . . .		'418	93'7	65'6	86'7	92'0	79'7	55	4'41	E & SE	152
	November . . .		'528	?	56'1	81'3	85'3	?	41	...	WE & E	182
	December . . .		'559	83'7	52'1	75'7	81'9	67'9	47	0'10	NE	181
	Year . . .		'340	?	65'5	83'4	91'2	?	48	33'90	...	246
Indore.	January . . .	Not available.	28'145	80'2	53'4	71'2	77'7	66'8	25	...	E & W	66
	February . . .		'103	81'5	54'0	71'4	78'1	67'8	29	...	W & NE	92
	March . . .		'046	96'8	64'3	88'9	94'9	80'6	23	...	N & N W	100
	April . . .		?	101'5	69'6	93'5	99'3	85'6	25	...	W & N	130
	May . . .		?	101'1	75'5	92'1	97'5	88'3	38	0'85	W	176
	June . . .		27'799	95'4	76'5	86'1	93'0	86'0	56	2'58	W	211
	July . . .		'819	84'9	73'3	78'1	82'8	79'1	74	2'71	W	182
	August . . .		'900	83'2	72'7	77'3	80'9	78'0	73	19'69	W	166
	September . . .		'926	83'3	72'3	77'2	81'2	77'8	76	16'21	W, N W & N	131
	October . . .		?	88'0	67'7	83'1	85'6	77'9	50	3'18	NE	57
	November . . .		28'181	80'1	56'2	74'9	78'0	68'2	43	1'24	E & NE	52
	December . . .		'210	78'3	51'2	71'4	75'7	64'8	42	...	N, E & S	49
	Year . . .		?	87'9	65'6	80'4	85'4	76'8	46	46'46	...	118
Neemuch.	January . . .	Not available.	28'345	80'3	49'2	67'9	78'8	64'8	33	...	S W	138
	February . . .		'305	76'9	48'8	66'4	75'4	62'9	32	...	S W	170
	March . . .		'237	98'1	65'2	87'9	96'7	81'7	22	...	W & S W	185
	April . . .		'137	102'8	72'9	94'4	101'0	87'9	20	...	W & S W	260
	May . . .		'055	102'1	77'2	92'9	99'0	89'7	37	1'38	S W	336
	June . . .		27'947	97'9	77'7	87'6	96'0	87'8	52	4'99	S W	401
	July . . .		'968	85'1	72'8	78'9	82'9	79'0	80	15'19	S W	300
	August . . .		28'054	84'8	70'3	78'7	83'3	77'6	77	8'19	S W	381
	September . . .		'105	86'5	69'8	79'8	84'2	78'2	74	9'48	S W	211
	October . . .		'276	89'7	65'2	83'9	88'2	77'5	49	0'20	N W	157
	November . . .		'384	82'1	54'4	75'2	80'8	68'3	43	...	S	137
	December . . .		'411	78'1	48'8	68'6	76'9	63'5	46	0'10	S W & S	161
	Year . . .		'185	88'7	64'4	80'2	86'9	76'6	47	39'53	...	231
Dahli.	January . . .	Not available.	29'272	73'0	48'5	60'3	71'9	60'8	55	0'07	W	70
	February . . .		'234	73'3	50'0	63'1	71'8	61'7	53	0'20	SE & W	74
	March . . .		'100	96'2	66'7	83'8	94'7	81'5	34	...	W	69
	April . . .		28'983	103'7	75'1	93'3	101'3	89'4	25	0'04	SE & W	81
	May . . .		'885	104'7	79'0	95'0	101'7	91'9	38	0'25	SE	110
	June . . .		'748	106'1	87'0	97'2	103'8	96'6	46	1'30	S W & SE	129
	July . . .		'800	92'3	70'4	86'3	87'9	85'9	73	12'67	SE	91
	August . . .		'859	96'0	78'9	87'8	94'9	87'5	60	2'95	S W & SE	110
	September . . .		'987	92'5	76'0	85'8	90'0	84'3	65	7'84	SE	89
	October . . .		29'152	92'4	68'5	83'9	90'6	80'5	44	...	S W	54
	November . . .		'304	81'2	55'4	70'6	78'7	68'3	47	0'41	S W & SE	58
	December . . .		'347	71'2	48'9	60'1	69'3	60'1	59	1'32	S W & SE	72
	Year . . .		'056	90'2	67'8	80'6	88'1	79'0	50	27'05	...	84



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . .	Not available.	29°535	75°1	46°6	63°0	74°4	60°9	48	...	W	79
	February . . .		°444	84°0	57°3	72°4	82°6	70°7	43	0°09	W	95
	March . . .		°363	85°7	61°6	75°2	84°0	73°7	49	0°96	W	124
	April . . .		°189	101°1	75°0	92°2	100°9	88°1	31	...	W	133
	May . . .		°080	107°6	81°8	97°9	106°2	94°7	34	0°13	W & N W	136
	June . . .		28°967	103°1	85°2	95°5	100°5	94°2	50	1°71	W	171
	July . . .		°965	92°3	80°0	86°5	86°5	86°2	78	17°32	E	148
	August . . .		29°022	86°8	78°2	83°2	84°9	82°5	88	14°66	W & Calm	87
	September . . .		°128	91°5	76°8	86°2	90°4	84°2	70	0°14	W	96
	October . . .		°284	94°6	68°5	85°7	93°6	81°6	49	...	W	95
	November . . .		°417	84°3	54°0	73°8	83°3	69°2	41	...	W	60
	December . . .		°504	77°1	49°1	65°8	76°0	63°1	48	...	N W & W	68
	Year . . .		°242	90°3	67°8	81°5	88°9	79°1	52	35°01	...	108
Pachhadra.	January . . .	Not available.	Untrustworthy.	82°0	44°1	70°8	78°2	63°1	33	...	Calm & E	59
	February . . .			89°3	53°4	78°3	84°6	71°4	36	0°12	Calm & S W & E	84
	March . . .			92°8	60°0	85°2	88°3	76°4	38	0°14	S W & N W & Calm	99
	April . . .			102°3	70°8	92°4	98°0	86°6	45	0°02	S W	153
	May . . .			111°4	77°3	98°9	107°9	94°4	45	0°76	S W	200
	June . . .			105°1	81°5	92°6	101°7	93°3	?	0°22	S W	308
	July . . .			99°5	79°7	89°0	93°9	89°6	68	2°20	S W & S	254
	August . . .			91°7	76°6	83°3	87°4	84°2	78	7°06	S W	211
	September . . .			93°7	74°5	84°9	90°5	84°1	68	5°39	S W	154
	October . . .			97°0	64°8	84°7	93°5	80°9	52	...	S W	148
	November . . .			89°3	48°2	77°2	85°7	68°8	32	...	Calm	58
	December . . .			83°8	44°8	68°5	80°1	64°3	42	...	Calm	9
	Year . . .			94°8	64°6	75°5	90°8	79°7	?	15°91	...	145
Sirsa.	January . . .	Not available.	29°422	74°2	41°7	63°8	72°6	58°0	45	0°06	N & N W	76
	February . . .		°326	81°8	50°6	70°9	80°1	66°2	42	...	Calm & N W	88
	March . . .		°245	82°2	57°0	72°6	80°3	69°6	53	2°16	N W & W	122
	April . . .		°088	97°8	69°3	88°0	95°4	83°6	41	0°72	W & N W	113
	May . . .		28°066	106°7	76°4	96°5	104°8	91°6	33	0°26	W & N W	148
	June . . .		°828	107°3	86°6	98°7	104°4	97°0	39	0°28	W	172
	July . . .		°837	97°1	79°5	90°9	93°5	88°3	66	11°76	E	?
	August . . .		°896	92°1	78°8	87°6	88°9	85°5	77	7°58	E	?
	September . . .		29°003	96°8	75°6	88°7	95°1	86°2	61	0°02	W & N	97
	October . . .		°167	96°0	64°5	86°7	94°9	80°3	45	...	W	85
	November . . .		°298	84°0	45°2	76°6	82°4	64°6	39	...	N & Calm	55
	December . . .		°400	77°3	41°9	66°7	75°6	59°6	43	...	N	67
	Year . . .		°123	91°0	63°9	82°3	89°0	77°5	49	22°84	...	?
Bikaner.	January . . .	Not available.	29°319	74°9	49°4	65°1	73°2	62°2	24	...	Calm & N E	68
	February . . .		Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.	Imperfect. Do.
	March . . .											
	April . . .		28°975	98°7	76°6	89°4	96°4	87°7	34	0°18	?	?
	May . . .		°860	108°6	84°8	97°9	106°6	96°7	29	0°54	S W	112
	June . . .		°745	106°9	87°1	95°8	104°3	97°0	39	0°95	W & S W	161
	July . . .		°721	100°2	84°0	91°7	95°9	92°1	53	0°73	S W	206
	August . . .		°790	94°5	81°0	87°9	92°0	87°8	64	7°80	S W & N E	163
	September . . .		°902	95°5	78°8	87°9	93°4	87°2	57	2°47	S W	154
	October . . .		29°075	95°5	73°8	86°6	94°2	84°7	38	0°52	S W	150
	November . . .		°198	84°8	57°9	74°5	83°6	71°4	22	0°01	S W & W	144
	December . . .		°296	77°3	51°9	65°3	75°5	64°6	21	...	Calm	64
	Year . . .		?	?	?	?	?	?	?	0°02	E & N E	71
										13°21	...	?

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		S.A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . .	Not available.	28°640	76°5	47°2	67°3	74°3	61°9	41	...	NE & NW & N.	86
	February . . .		°554	84°2	53°6	76°2	81°5	68°9	51	0°02	NW & W	73
	March . . .		°475	85°9	59°0	76°4	83°6	72°5	51	0°35	E & NW	132
	April . . .		°352	98°7	69°5	89°9	96°4	84°1	37	0°35	NW & W	145
	May . . .		°245	107°2	77°7	97°5	103°2	92°5	30	1°28	NW	166
	June . . .		°137	103°0	81°2	92°9	99°6	92°1	50	0°35	NW	201
	July . . .		°114	90°6	76°8	83°5	86°9	83°7	80	12°24	EN & W	167
	August . . .		°173	88°1	75°5	81°7	85°1	81°8	82	9°58	NW	132
	September . . .		°278	91°7	73°2	83°8	89°2	82°5	66	0°75	NW & W	128
	October . . .		°434	94°9	66°1	85°8	92°3	80°5	43	...	NW & W	101
	November . . .		°526	85°3	50°3	79°1	82°7	67°8	37	...	N & WE	67
	December . . .		°608	78°8	49°2	69°8	76°5	64°0	50	0°01	NE & N	87
	Year . . .		°378	90°4	64°9	82°0	87°6	77°7	52	24°93	...	124
Sambhar.	January . . .	Not available.	28°787	75°5	43°8	65°3	73°9	59°7	39	...	E, S & W	?
	February . . .		°710	83°5	52°8	73°6	82°2	68°2	35	...	W	?
	March . . .		°650	84°5	59°9	75°8	82°3	72°2	47	1°56	W & S	?
	April . . .		°527	97°0	73°4	89°6	95°1	85°2	44	0°20	W	260
	May . . .		°409	105°7	80°6	97°5	102°9	93°2	33	0°13	NW & W	322
	June . . .		°319	101°6	83°5	91°8	99°8	92°6	47	1°42	W	245
	July . . .		°278	91°3	78°5	85°0	88°6	84°9	73	7°11	W	190
	August . . .		°343	87°5	76°8	82°7	85°3	82°2	79	6°77	W	205
	September . . .		°425	89°5	74°5	83°3	87°9	82°0	71	1°26	W	146
	October . . .		°606	92°5	67°0	84°7	91°3	79°8	41	...	W & NW	87
	November . . .		°713	83°7	49°9	72°6	82°3	66°8	33	...	W & NW	107
	December . . .		°793	77°3	46°4	65°3	75°9	61°9	48	0°45	WNW & NE	?
	Year . . .		°547	89°1	65°6	80°6	87°3	77°4	49	18°90	...	?
Ajmere.	January . . .	Not available.	28°463	76°8	43°7	64°6	74°5	60°3	46	0°03	SE	33
	February . . .		°386	83°1	52°6	74°6	79°8	67°9	41	0°03	W & SW	64
	March . . .		°302	85°8	57°5	76°0	82°7	71°7	44	0°49	W & SE	86
	April . . .		°190	94°9	72°7	85°6	92°6	83°8	40	0°70	W	158
	May . . .		°081	104°8	79°0	94°8	101°7	91°9	31	0°18	W	211
	June . . .		°799	100°1	81°0	88°0	90°6	80°6	52	0°45	W	259
	July . . .		°939	89°8	76°4	81°5	86°3	83°1	79	9°26	W	164
	August . . .		°998	85°1	74°2	78°4	81°6	79°7	86	7°17	W	127
	September . . .		28°101	88°7	72°7	80°4	85°9	80°7	72	2°45	W	126
	October . . .		°268	90°7	65°4	82°6	88°7	78°1	49	...	W	80
	November . . .		°361	83°3	47°5	75°2	80°1	65°4	38	...	Calm	21
	December . . .		°436	76°9	47°0	67°5	74°6	62°0	48	0°45	NE & SE	28
	Year . . .		°210	88°3	64°1	79°1	85°5	76°2	52	21°21	...	113
Mount Abu.	January . . .	Not available.	26°162	68°5	51°7	62°2	65°7	60°1	36	...	NNE & SW	96
	February . . .		°141	...	57°8	66°6	70°9	?	34	0°07	SW	130
	March . . .		°076	76°4	59°0	68°7	74°4	67°7	34	0°07	SW	160
	April . . .		°037	83°7	65°9	74°8	80°8	74°8	34	0°11	SW, W & NE	210
	May . . .		25°978	91°3	72°0	83°1	89°7	81°7	30	0°20	SW	252
	June . . .		Not available.	Imperfect. Not recorded. Ditto. Ditto. Imperfect.	?	?	?	?	?	...	?	?
	July . . .									47°17	?	?
	August . . .									37°46	?	?
	September . . .									17°12	?	?
	October . . .									...	?	?
	November . . .									...	N & SW	94
	December . . .									0°26	NE	82
	Year . . .									102°53	?	?

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		S. A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	Not available.	29°56'1	83°9	50°8	75°0	82°2	67°4	39	...	NE & N	218
	February . . .		'509	89°4	56°1	79°6	87°6	72°8	34	...	NE & E	182
	March . . .		'442	93°0	63°0	84°7	91°4	78°0	42	...	W NE & N	239
	April . . .		'344	100°3	70°3	90°1	98°1	85°3	42	0°06	S & W	250
	May . . .		'226	108°5	76°7	96°3	106°7	92°6	36	0°38	W	303
	June . . .		'140	100°3	70°8	89°5	98°8	90°1	58	2°29	SW & W	425
	July . . .		'083	88°4	76°3	82°2	85°8	82°4	84	28°50	SW	359
	August . . .		'521	86°0	75°7	81°4	83°3	80°9	87	7°28	SW	281
	September . . .		'262	89°2	74°2	83°5	86°7	81°7	76	2°85	SW	238
	October . . .		'412	93°2	65°4	87°0	91°2	79°3	56	...	N & W & NE	166
	November . . .		'480	89°5	53°5	83°2	86°9	71°5	34	...	NE & E	187
	December . . .		'543	85°5	52°2	77°3	83°4	68°9	45	0°56	NE	207
	Year . . .		'346	92°3	66°2	84°2	90°2	79°3	53	41°92	...	255
Indore.	January . . .	Not available.	28°205	79°2	51°4	71°5	77°3	65°3	38	...	N & E	53
	February . . .		'161	85°1	55°3	76°7	82°6	70°2	42	0°18	W	61
	March . . .		'084	89°6	59°1	80°7	86°6	74°4	35	0°03	N	96
	April . . .		'001	98°9	69°9	90°6	96°2	84°4	29	...	W	119
	May . . .		27°907	103°7	74°9	94°7	100°6	89°3	29	0°28	W	169
	June . . .		'814	93°6	74°9	84°1	90°5	84°3	62	3°92	W	203
	July . . .		'784	82°4	71°7	77°3	79°4	77°1	85	15°14	W	200
	August . . .		'834	82°3	71°3	76°6	80°0	76°8	86	5°48	W	149
	September . . .		'926	84°4	69°9	77°9	80°0	77°2	81	6°12	W	128
	October . . .		28°056	87°7	62°1	82°7	85°1	74°9	54	0°07	N	51
	November . . .		'118	82°0	51°5	76°6	79°6	66°8	43	0°14	E	44
	December . . .		'176	80°0	49°0	72°8	78°1	64°5	45	0°43	E	48
	Year . . .		'006	87°4	63°4	80°2	84°7	75°4	52	31°79	...	110
Neemuch.	January . . .	Not available.	28°412	78°2	48°5	66°9	77°0	63°4	42	...	SW & S	159
	February . . .		'361	84°6	56°2	75°3	82°6	70°4	37	0°59	SW & NW	134
	March . . .		'277	88°6	58°5	78°3	87°3	73°6	37	0°18	SW	151
	April . . .		'173	99°2	70°8	89°8	97°5	85°0	30	...	SW & W	155
	May . . .		'072	106°1	76°8	96°1	103°2	91°5	28	0°40	W & SW	230
	June . . .		27°979	98°4	77°3	87°8	95°0	87°9	56	3°72	SW	316
	July . . .		'039	84°4	73°5	79°1	81°6	79°0	86	15°87	SW	268
	August . . .		'096	83°8	72°7	78°5	82°2	78°3	84	10°61	SW	184
	September . . .		28°102	86°8	70°9	80°8	84°2	78°9	74	2°82	SW	181
	October . . .		'250	90°4	65°3	84°2	88°7	77°9	49	...	W & NW	158
	November . . .		'328	83°3	53°4	76°0	81°5	68°4	35	...	S & SE	125
	December . . .		'395	79°2	50°2	68°6	77°9	64°7	37	0°97	S & SE	165
	Year . . .		'190	88°6	64°5	80°1	86°6	76°6	50	35°16	...	185
Delhi.	January . . .	Not available.	29°357	73°7	46°9	61°2	72°1	60°3	48	...	SW	72
	February . . .		'274	81°4	56°0	69°6	79°4	68°7	45	0°59	SE & SW	77
	March . . .		'193	81°0	59°8	71°8	79°2	70°4	58	2°01	SW & SE & NW	92
	April . . .		'014	99°1	74°8	89°2	96°6	87°0	34	0°30	NW	101
	May . . .		28°909	105°3	79°4	95°6	103°1	92°4	45	0°14	SW & NW	101
	June . . .		'778	104°8	85°4	96°1	101°5	95°1	57	1°71	SE	126
	July . . .		'793	93°3	80°3	87°8	90°5	86°8	76	11°59	SE	80
	August . . .		'848	90°2	79°1	85°6	87°4	84°7	81	9°21	SE	104
	September . . .		'944	93°7	77°9	87°6	92°4	85°8	63	0°75	NW	84
	October . . .		29°094	94°7	69°1	85°4	93°2	81°9	46	...	NW	66
	November . . .		'238	85°0	54°7	72°9	81°7	69°9	37	...	NW	46
	December . . .		'325	76°5	49°4	63°5	74°6	63°0	42	...	NW	64
	Year . . .		'065	89°9	67°7	80°5	87°6	78°8	53	26°30	...	84



1882.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean max- mum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . .	Not available.	29°509	75°2	49°5	62°9	74°1	62°4	59	0°25	N W & W	75
	February . . .		°415	78°0	51°0	66°2	77°2	64°5	44	0°22	W & N W	112
	March . . .		°345	93°8	62°1	81°5	93°1	78°0	29	...	W & N W	121
	April . . .		°180	101°8	71°8	91°2	100°6	86°8	24	0°27	W & N W	114
	May . . .		°080	104°9	78°6	94°5	102°3	91°8	31	0°94	N W	148
	June . . .		28°951	100°5	82°7	91°5	97°5	91°6	54	2°06	E, S W, N W & N E.	123
	July . . .	Not available.	°955	89°5	78°5	84°3	86°0	84°0	84	18°06	E & N E	106
	August . . .		29°040	91°0	77°9	85°7	89°5	84°5	75	4°44	S E & W	109
	September . . .		°144	93°7	76°4	87°4	92°5	85°1	65	2°37	W	129
	October . . .		°258	95°6	67°5	86°0	95°1	81°6	42	...	W & N W	85
	November . . .		°445	83°7	54°3	73°9	83°0	69°0	42	...	N W & Calm & W	52
	December . . .		°474	79°5	49°5	68°2	78°7	64°5	47	...	N W & W	63
	Year . . .		°233	90°6	66°7	81°1	89°1	78°7	50	28°61	...	103
Pachhadra.	January . . .	Not available.	Untrustworthy.	81°6	47°3	65°9	77°5	64°5	56	2°04	Calm	?
	February . . .			87°3	34°5	67°7	81°0	60°9	47	...	Calm, S W & E	?
	March . . .			98°5	46°0	82°3	92°9	72°3	41	...	E, W & S W	?
	April . . .			107°8	62°5	91°6	101°4	85°2	43	...	Calm, S & S W	?
	May . . .			110°0	76°9	92°8	104°4	93°5	53	2°18	S W	171
	June . . .			110°1	81°8	94°2	104°2	96°0	58	0°55	S W	235
	July . . .			102°3	79°4	87°4	92°1	90°9	70	5°89	S W	148
	August . . .			93°9	75°2	84°0	88°8	84°6	72	2°92	S W	167
	September . . .			96°7	73°4	87°8	93°6	85°1	64	1°36	S W & Calm	93
	October . . .			102°9	59°4	88°6	97°6	81°2	42	...	Calm & S W	?
	November . . .			88°2	46°6	77°4	86°0	67°4	41	...	N E & E	?
	December . . .			84°9	40°3	71°3	83°1	62°6	45	...	Calm & N E	25
	Year . . .			97°0	60°3	82°6	91°9	78°7	53	14°94	...	?
Sira.	January . . .	Not available.	Imperfect. Not available.	29°407	Imperfect.			?	?	2°53	Calm & N W	80
	February . . .			°317	Not available.			?	?	0°18	N W & N	96
	March . . .			°254	Not available.			?	?	...	N W & N	92
	April . . .			°071	101°3	66°0	93°1	99°9	31	0°01	N W, S W & W	117
	May . . .			28°964	106°8	74°7	98°0	105°2	30	0°22	W & Calm	142
	June . . .			°795	108°7	83°0	100°5	95°9	37	1°27	W & S W	144
	July . . .			°828	95°9	79°	90°0	90°9	71	5°67	Calm & S E	84
	August . . .			°905	98°6	79°5	91°0	97°0	60	0°46	Calm & S W	69
	September . . .			29°032	96°9	74°3	89°5	94°0	57	3°40	Calm & W	46
	October . . .			°152	97°6	61°4	87°7	96°1	35	...	Calm	23
	November . . .			°347	84°4	46°7	74°8	82°6	28	...	Calm	14
	December . . .			°365	78°6	43°3	66°6	76°7	45	...	Calm	14
	Year . . .			°120	?	?	?	?	?	13°74	...	77
Bikaner.	January . . .	Not available.	Imperfect.	29°157	77°0	52°7	67°5	75°0	?	1°14	?	?
	February . . .			°138	90°2	64°8	81°5	89°0	31	0°64	E & N E	103
	March . . .			28°092	99°5	74°4	90°7	98°3	27	...	W & S	111
	April . . .			°876	106°4	82°4	95°7	104°2	34	1°89	S W & W	131
	May . . .			°718	108°3	87°0	97°1	107°0	41	0°01	S W	161
	June . . .			°722	95°3	81°5	88°6	91°5	60	6°58	S W	186
	July . . .			°827	94°1	79°9	86°5	92°8	59	2°54	S W	142
	August . . .			°947	94°7	78°3	86°8	92°9	56	2°94	S W	158
	September . . .			29°060	96°2	74°2	86°5	95°6	35	...	S W & W	128
	October . . .			°239	82°9	58°9	73°1	82°1	31	...	S W & N E	107
	November . . .			°267	77°7	55°4	67°2	76°9	34	...	Calm, N & N W & S	49
	December . . .			?	?	?	?	?	?	...	W & S	52
	Year . . .			?	?	?	?	?	?	15°74	...	?

1882.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . . . .	Not available.	28°60.8	75°6	50°0	66°0	72°9	62°8	57	1°04	N	91
	February . . . . .		52.1	77°1	50°1	67°7	75°3	63°6	42	...	N E & N	123
	March . . . . .		47.5	92°0	62°7	83°1	89°7	77°4	31	...	N W & N	145
	April . . . . .		33.2	99°8	68°0	91°1	97°6	83°9	23	0°08	N & N W	135
	May . . . . .		24.5	104°5	74°9	92°9	102°0	89°7	34	0°45	N W	166
	June . . . . .		10.3	102°7	79°7	92°8	98°9	91°2	54	1°08	N W & W	162
	July . . . . .		09.0	88°1	75°4	81°9	83°5	81°8	86	12°27	N W & E	117
	August . . . . .		19.7	90°3	74°3	83°2	87°6	82°3	73	3°61	N W & W	123
	September . . . . .		29.3	93°5	72°6	86°3	90°2	83°1	66	4°87	N W	136
	October . . . . .		40.6	95°4	63°9	87°4	92°8	79°7	47	...	N W & N	104
	November . . . . .		55.9	83°0	52°4	76°8	81°4	68°2	47	...	N E & E	73
	December . . . . .		57.8	80°8	50°6	71°4	78°7	65°7	54	...	N & N W	81
	Year . . . . .		36.8	90°3	64°6	81°7	87°6	77°5	51	23°40	...	121
Sambhar.	January . . . . .	Not available.	28°79.7	73°9	49°7	63°2	72°6	61°8	55	1°06	W & N W	112
	February . . . . .		69.4	75°6	48°5	65°5	74°8	62°1	42	0°14	W	159
	March . . . . .		65.4	90°4	59°5	79°4	89°6	75°0	34	...	W & N W	168
	April . . . . .		50.8	98°4	69°1	90°2	96°8	83°8	29	0°10	W	196
	May . . . . .		42.3	103°0	78°2	92°7	101°3	90°6	39	0°98	W	259
	June . . . . .		27.8	102°8	81°6	93°2	101°1	92°2	50	0°74	W	293
	July . . . . .		25.8	88°3	76°0	83°6	85°1	82°2	76	12°73	W & E	206
	August . . . . .		36.6	88°5	74°3	82°3	86°7	81°4	71	7°26	W	191
	September . . . . .		46.7	91°7	73°5	85°3	89°9	82°6	62	4°92	W & N W	175
	October . . . . .		58.2	92°5	65°5	84°0	92°1	79°0	41	...	W & N W	127
	November . . . . .		74.3	82°0	51°1	72°8	80°8	66°6	36	...	N E, N W N & W	93
	December . . . . .		75.8	78°5	48°5	67°0	77°2	63°5	41	...	N W & W	84
	Year . . . . .		54.4	88°8	64°6	79°9	87°3	76°7	48	27°93	...	172
Ajmere.	January . . . . .	Not available.	28°43.6	74°3	48°7	64°3	71°3	61°5	61	1°05	Calm & W	41
	February . . . . .		35.0	75°2	48°8	65°3	73°2	62°0	50	0°31	W & N E	68
	March . . . . .		31.2	87°2	59°4	79°1	85°3	73°3	35	...	W	77
	April . . . . .		16.6	95°4	70°9	87°8	93°6	83°2	31	...	W & S W	134
	May . . . . .		07.6	101°1	78°3	90°5	99°1	89°7	46	0°57	W	173
	June . . . . .		27°93.9	100°4	80°9	89°2	98°3	90°7	54	0°33	W	189
	July . . . . .		92.0	86°8	75°6	81°3	83°4	81°2	80	16°18	W	?
	August . . . . .		28°02.5	86°2	74°1	79°6	84°3	80°2	78	5°82	W	158
	September . . . . .		12.2	88°9	71°3	83°0	86°8	80°1	69	3°20	W & N W	113
	October . . . . .		24.8	91°6	60°0	84°7	89°9	75°8	45	...	W	67
	November . . . . .		38.7	81°8	48°8	73°9	80°3	65°3	42	...	N E	38
	December . . . . .		41.1	80°2	47°8	70°6	78°1	64°0	49	...	N E, N W & Calm.	35
	Year . . . . .		19.9	87°4	63°7	79°1	85°3	75°6	53	27°46	...	?
Mount Abu.	January . . . . .	Not available.	Untrustworthy.	69°6	54°9	63°7	66°8	62°3	39	1°14	W, S W & Calm.	91
	February . . . . .			?	?	?	?	?	?	...	?	?
	March . . . . .			?	?	?	?	?	?	...	?	?
	April . . . . .			85°9	67°7	78°2	83°9	76°8	27	0°03	W	194
	May . . . . .			88°5	69°7	80°4	86°9	79°1	34	0°97	S W & W	245
	June . . . . .			83°6	68°7	74°4	80°9	76°2	65	4°26	S W & W	263
	July . . . . .			73°4	67°5	69°0	71°2	70°5	86	38°12	W & S W	213
	August . . . . .			71°7	65°2	66°7	69°2	68°5	87	9°96	S W	300
	September . . . . .			76°4	66°9	72°2	72°8	71°7	74	4°20	S W & S	161
	October . . . . .			81°3	64°8	76°0	78°4	73°1	39	0°12	W & N	95
	November . . . . .			73°7	56°4	68°0	70°6	65°1	34	0°09	E & W	122
	December . . . . .			73°8	55°8	67°6	70°0	64°8	40	...	W & S W	85
	Year . . . . .			?	?	?	?	?	?	58°89	...	?

1882.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	Not available.	29'567	83'4	53'1	74'2	81'7	68'3	?	0'19	N E	191
	February . . .		'488	84'7	54'1	75'9	83'2	69'4	39	...	N E & W	241
	March . . .		'442	96'0	63'4	85'6	94'4	79'7	38	...	W & N	235
	April . . .		'309	102'3	67'7	91'6	100'6	85'0	33	...	W & S W	228
	May . . .		'231	105'1	76'2	91'0	103'6	90'7	44	...	S W & W	315
	June . . .		'094	100'8	80'2	90'0	99'3	90'5	59	1'21	S W	385
	July . . .		'066	88'7	76'4	82'7	85'8	82'6	81	12'63	S W	290
	August . . .		'192	88'5	74'6	82'0	86'8	81'6	73	4'54	S W	296
	September . . .		'285	94'3	74'2	86'4	91'7	84'3	64	1'86	S W & W	193
	October . . .		'381	98'4	65'4	90'4	96'3	81'9	38	...	N E & N	161
	November . . .		'500	90'0	57'0	83'2	87'5	73'5	36	...	N E	166
	December . . .		'535	88'5	54'7	79'3	86'1	71'6	40	...	N E	174
	Year . . .		'341	93'4	66'4	84'4	91'4	79'9	?	20'43	N E	240
Indore.	January . . .	Not available.	28'199	82'0	48'8	72'3	80'2	65'4	44	...	N, E & W	49
	February . . .		'122	82'6	50'6	73'1	80'3	66'6	37	...	W	94
	March . . .		'089	94'6	60'1	85'3	92'5	77'4	27	...	N W & W	81
	April . . .		27'966	100'3	66'6	92'8	97'7	83'5	19	...	N W & S W	104
	May . . .		'897	102'5	74'6	93'6	100'0	88'6	31	0'67	N W & W	161
	June . . .		'778	89'8	73'0	82'3	86'5	81'4	60	12'81	S W & W	187
	July . . .		'747	80'9	71'2	76'1	78'2	76'1	87	12'89	S W & W	158
	August . . .		'866	83'0	70'0	77'3	80'1	76'5	81	3'36	W, S W & N W.	151
	September . . .		'926	85'3	60'4	79'7	80'0	77'4	78	10'83	N W	112
	October . . .		28'029	88'9	60'9	84'8	86'5	74'9	46	...	N E	65
	November . . .		'132	80'1	51'8	75'2	77'9	66'0	46	0'59	N E	59
	December . . .		'170	82'5	51'2	75'8	80'7	66'9	45	...	S E & N E	34
	Year . . .		27'993	87'7	62'4	80'7	85'1	75'1	51	41'15	...	105
Neemuch.	January . . .	Not available.	28'399	79'8	50'2	67'2	78'2	65'0	46	0'04	S W & E	152
	February . . .		'309	80'0	50'3	68'4	78'7	65'2	39	0'14	S W	218
	March . . .		'284	92'6	61'5	82'9	91'2	77'1	32	...	W & W N & S W	268
	April . . .		'152	100'0	69'2	91'4	98'5	84'6	21	...	W & S W	214
	May . . .		'072	103'5	75'3	93'3	100'3	89'4	28	1'06	S W	291
	June . . .		27'932	95'2	75'5	86'1	92'1	85'4	61	4'52	W & S W	410
	July . . .		'920	83'2	72'9	78'5	80'2	78'1	86	21'16	S W	302
	August . . .		28'038	84'2	71'4	78'1	82'1	77'8	81	5'58	S W	299
	September . . .		'115	87'3	70'2	81'2	84'8	78'8	74	8'76	N W & S W & W	251
	October . . .		'225	90'7	63'8	84'8	89'1	77'3	44	0'16	N W & N	178
	November . . .		'352	81'7	53'3	73'9	80'2	67'3	39	...	N E & N W	239
	December . . .		'370	82'9	51'1	70'6	81'4	67'0	46	0'39	S & S E	202
	Year . . .		'181	88'4	63'7	79'7	86'4	76'1	50	41'81	...	247
Delhi.	January . . .	Not available.	29'335	71'9	50'3	60'3	70'2	61'1	60	1'04	N W	70
	February . . .		'238	74'8	52'3	63'5	73'2	63'6	48	0'80	N W	86
	March . . .		'164	92'2	63'4	81'3	89'2	77'8	31	...	N W	99
	April . . .		'004	101'1	71'5	91'6	98'7	86'3	29	...	N W	67
	May . . .		28'916	104'4	77'3	93'0	98'8	90'9	38	0'29	N W & S E	120
	June . . .		'763	103'9	83'1	94'6	100'7	93'5	48	2'49	S E & N W	115
	July . . .		'789	91'7	79'1	85'7	88'6	85'4	78	10'36	S E & E	99
	August . . .		'856	94'1	79'6	87'2	92'4	86'9	68	4'63	W & N W	76
	September . . .		'964	95'5	77'0	87'8	93'2	86'3	61	5'28	W & N W	99
	October . . .		29'083	95'6	67'9	84'1	93'9	81'8	40	...	N W & W	50
	November . . .		'274	84'1	55'2	72'2	81'9	69'7	39	...	W & N W	36
	December . . .		'294	78'7	51'0	64'7	76'4	64'9	42	...	N W & W	64
	Year . . .		'057	90'7	67'3	80'5	88'1	79'0	49	24'89	...	84



1883.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily.	Total rainfall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . .	Not available.	29°475	72°8	49°3	63°5	71°8	61°1	58	1°97	W & E	64
	February . . .		°448	75°2	4°87	64°3	74°6	62°0	47	...	W & N W	70
	March . . .		°324	89°0	61°1	78°0	87°4	75°1	40	0°10	W	106
	April . . .		°170	104°6	74°1	93°4	103°4	89°4	26	0°06	W & N W	103
	May . . .		°036	107°1	80°8	96°7	105°7	94°0	27	0°50	W & N W &	146
	June . . .		28°946	105°4	84°1	96°7	103°7	94°8	42	1°15	S W	124
	July . . .		°968	93°1	79°7	86°8	91°0	86°4	73	12°71	W & N W	132
	August . . .		29°024	98°8	81°8	91°6	96°6	90°3	57	0°12	S W & E	126
	September . . .		°123	96°0	77°0	89°4	93°4	87°0	61	3°65	S W W & E	99
	October . . .		°352	95°0	68°4	85°7	93°6	81°7	35	...	N W W & E	92
	November . . .		°407	83°4	53°9	72°5	82°1	68°7	38	...	W & N W	85
	December . . .		°555	74°8	45°2	63°4	74°0	60°0	44	...	N W & W	79
	Year . . .		°236	91°3	67°1	81°8	89°8	79°2	46	20°26	W	102
Pachbhadra.	January . . .	Not available.	29°651	79°6	41°4	66°1	77°3	60°5	42	0°50	Calm. NE & E	?
	February . . .		°639	81°2	45°7	66°7	79°9	63°5	27	...	Calm & E	67
	March . . .		°508	91°4	57°9	82°5	89°8	74°7	38	0°30	Calm & S W	52
	April . . .		°400	105°8	71°7	96°3	104°1	88°8	27	...	Calm & S W	355
	May . . .		°278	106°9	75°8	92°3	105°3	91°4	45	2°01	SW	331
	June . . .		°204	105°7	81°8	94°2	104°1	93°8	50	0°20	SW	237
	July . . .		°145	94°7	78°7	88°3	93°2	86°7	63	1°46	SW	320
	August . . .		°207	100°8	77°0	87°5	98°0	88°9	54	0°03	SW	109
	September . . .		°313	95°5	75°3	86°0	91°3	85°4	64	4°46	SW	?
	October . . .		°502	97°5	65°4	88°2	94°6	81°5	40	0°05	S W	?
	November . . .		°573	86°9	48°8	74°4	83°8	67°9	33	0°04	NE & S W.	?
	December . . .		°712	79°3	41°2	64°2	76°7	60°3	34	...	NE	?
	Year . . .		°428	93°8	63°4	82°2	91°5	78°6	43	9°05	NE. E.	?
Sirsa.	January . . .	Not available.	29°362	70°6	42°6	60°7	68°9	56°6	59	1°98	Calm	27
	February . . .		°351	73°6	43°61	63°6	71°6	58°6	44	...	Calm	30
	March . . .		°215	85°5	55°3	76°9	82°5	70°4	48	1°60	Calm	39
	April . . .		°069	102°4	69°7	95°0	99°6	86°1	35	0°05	Calm	37
	May . . .		28°917	106°2	73°5	97°8	104°0	89°9	36	1°83	W & Calm	54
	June . . .		°816	109°0	83°5	100°3	104°7	96°3	36	1°28	W & Calm	75
	July . . .		°831	100°8	81°2	93°0	97°2	91°0	58	3°22	W & Calm	49
	August . . .		°884	104°0	82°1	96°2	102°2	93°1	45	...	W & Calm	51
	September . . .		29°010	96°9	74°9	90°2	93°8	85°0	60	7°15	Calm	23
	October . . .		°248	94°8	62°0	85°9	92°0	78°4	38	0°04	Calm	20
	November . . .		°300	80°8	47°5	70°5	78°2	64°2	43	0°21	Calm	21
	December . . .		°450	74°0	40°0	61°9	71°7	57°0	43	...	Calm	17
	Year . . .		°121	91°5	63°0	82°7	88°9	77°3	45	17°36	...	37
Bikaner.	January . . .	Not available.	29°254	70°6	50°8	61°3	69°1	60°7	34	0°58	NE	74
	February . . .		°240	74°4	52°4	66°7	73°4	63°4	29	...	NE E	71
	March . . .		°118	85°9	63°6	77°3	84°7	74°8	35	0°04	SW EN W	110
	April . . .		28°977	101°8	77°8	93°1	101°1	89°8	33	...	& NE	121
	May . . .		°835	103°9	82°4	94°7	103°1	93°2	37	3°62	S W W & N W	182
	June . . .		°734	106°7	87°7	97°6	106°2	97°2	43	...	S W & W	194
	July . . .		°741	96°8	82°2	90°0	96°1	89°5	59	5°12	SW	162
	August . . .		°804	?	82°6	91°3	100°6	?	51	0°10	SW	170
	September . . .		°921	?	80°2	88°6	93°8	?	57	1°55	SW	106
	October . . .		29°148	?	72°9	86°4	93°1	?	37	0°03	S W & W.	76
	November . . .		°208	80°5	59°2	70°4	79°4	69°9	37	0°66	Calm & S W	56
	December . . .		°350	73°1	50°2	61°4	72°0	61°7	31	...	Calm S & W	43
	Year . . .		°028	?	70°2	81°6	89°4	?	40	11°70	Calm & NE	114

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily. %	Total rain fall. in inches.	WIND.	
		S. A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . .	Not available.	28°559	73°3	50°0	64°8	70°8	61°7	62	1°22	S E N W & E	85
	February . . .		°546	75°4	49°4	66°2	73°6	62°4	45	...	N N W & N E	122
	March . . .		°446	87°8	60°2	78°7	85°1	74°0	43	0°21	N W N & E	179
	April . . .		°330	102°9	72°1	94°4	100°5	87°5	24	...	N W & N	163
	May . . .		°209	103°9	74°8	94°3	100°9	89°4	40	2°05	N W & W	214
	June . . .		°120	101°8	78°5	93°5	97°2	90°2	57	3°15	N W & W	165
	July . . .		°125	90°6	75°5	84°2	88°3	83°1	73	7°20	& S W	177
	August . . .		°185	97°3	76°0	88°9	93°7	86°7	57	0°95	N W & W	151
	September . . .		°279	93°3	74°4	85°9	89°8	83°9	67	7°73	N W & W	110
	October . . .		°493	93°2	63°4	85°0	89°9	78°3	41	0°33	N W & W	82
	November . . .		°524	82°9	50°6	74°5	79°5	66°8	41	...	N & E	79
	December . . .		°652	75°2	44°4	66°4	72°4	59°8	45	...	N W & N	88
	Year . . .		°372	89°8	64°1	81°4	86°8	77°0	50	22°84	N W & N W	135
Sambhar.	January . . .	Not available.	28°737	72°1	46°2	61°5	70°6	59°2	54	0°38	S E N W N & S	120
	February . . .		°727	74°4	46°0	61°1	73°7	60°2	48	...	N W N E & E	113
	March . . .		°617	86°4	57°3	77°5	85°3	71°9	38	...	W & N W	156
	April . . .		°499	101°7	71°1	93°4	99°8	86°4	28	...	W & N W	171
	May . . .		°375	102°7	79°4	94°1	101°6	91°1	?	2°46	W	290
	June . . .		°295	101°8	82°2	93°5	99°0	92°0	?	0°68	W	281
	July . . .		°290	90°5	77°6	84°5	88°8	84°4	70	8°69	W	224
	August . . .		°350	96°3	78°2	87°6	94°6	87°3	55	0°58	W	222
	September . . .		°442	91°6	75°8	85°1	89°7	83°7	63	2°67	W	165
	October . . .		°655	91°4	64°2	84°5	89°9	77°8	?	...	N W	107
	November . . .		°703	80°9	50°3	71°0	79°7	65°6	?	...	W & N W	87
	December . . .		°831	73°6	42°1	62°6	72°0	57°9	39	...	N W & W	66
	Year . . .		°543	88°6	64°2	79°9	87°1	76°4	?	15°46	...	167
Ajmere.	January . . .	Not available.	28°382	73°0	46°5	62°6	70°9	59°8	54	0°38	N E S & N W	42
	February . . .		°374	75°3	45°6	65°2	73°5	60°5	40	...	S & N E	41
	March . . .		°279	85°3	57°5	76°6	83°7	71°4	41	0°02	W, S & N E	90
	April . . .		°168	99°1	71°5	90°6	97°9	85°3	29	...	W	118
	May . . .		°058	100°6	78°9	90°0	99°5	89°8	43	2°19	W	232
	June . . .		27°080	98°2	80°9	89°0	96°3	89°6	53	1°09	W	205
	July . . .		°961	87°8	75°9	82°1	86°1	81°9	76	9°24	W	151
	August . . .		28°028	94°1	77°4	84°0	92°2	85°8	63	0°45	W	?
	September . . .		°117	89°0	74°9	82°2	86°8	82°0	71	3°91	W & N W	129
	October . . .		°334	90°2	62°9	83°1	87°9	76°6	46	...	S E N W N } E & W }	69
	November . . .		°377	81°0	47°9	74°0	78°2	64°5	44	...	N W & W	38
	December . . .		°488	74°2	40°3	64°8	72°4	57°3	47	...	S Calm W }	49
	Year . . .		°212	87°3	63°4	78°7	85°5	75°4	51	17°28	S & E. }	?
Mount Abu.	January . . .	Not available.	Not available.	67°1	51°3	60°9	63°4	59°2	42	0°47	S W & W	122
	February . . .			69°5	52°3	62°5	65°7	60°9	31	...	S W W & N E	126
	March . . .			76°2	59°1	69°4	73°2	67°7	37	0°36	W & S W	165
	April . . .			88°5	70°7	81°7	85°7	79°6	31	...	W	191
	May . . .			87°8	60°3	80°7	85°8	78°6	37	4°96	S W & W	257
	June . . .			83°6	68°9	76°0	81°9	76°3	66	3°12	S W	228
	July . . .			73°0	66°3	69°7	71°4	70°4	84	25°53	S W	287
	August . . .			76°6	64°3	70°5	74°7	70°5	75	0°75	S W W	269
	September . . .			73°9	65°3	70°6	70°4	69°6	82	12°15	W & S W	132
	October . . .			77°5	63°3	74°5	73°4	70°4	52	2°15	N E E & Calm	82
	November . . .			71°4	54°6	67°1	66°2	63°0	40	0°04	N E	107
	December . . .			67°8	49°7	62°4	62°2	58°8	39	...	N E N & Calm	90
	Year . . .			76°2	61°3	70°5	72°8	68°8	51	49°53	...	171

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Station.	Month.	PRESSURE.		TEMPERATURE.					Mean humidity daily. %	Total rainfall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	Not available.	29'514	82'9	53'0	73'3	80'5	68'0	40	0'14	NE & N	231
	February . . .		'502	84'7	53'6	74'8	83'1	69'2	25	...	N & NE	225
	March . . .		'427	92'3	63'5	82'9	90'2	77'9	35	0'52	WSW & NW	207
	April . . .		'301	105'4	73'1	94'6	103'6	89'3	26	...	WSW & NW	250
	May . . .		'197	105'4	75'4	91'3	103'6	90'4	41	0'56	SW	354
	June . . .		'098	102'6	81'6	91'3	100'0	92'1	53	1'87	SW	376
	July . . .		'097	90'3	77'3	83'5	87'0	83'8	76	8'40	SW	324
	August . . .		'171	94'8	76'0	84'8	92'9	85'4	60	0'27	SW	317
	September . . .		'269	90'3	75'1	83'4	87'7	82'7	72	3'54	WSW & S	179
	October . . .		'439	94'8	68'5	87'5	90'6	81'7	48	1'11	E, SE & NE	175
	November . . .		'484	88'1	54'9	79'8	85'3	71'5	34	...	NE & E	220
	December . . .		'619	83'2	48'9	72'9	80'3	66'1	32	...	NE	202
	Year . . .		'343	92'9	66'7	83'3	90'4	79'8	45	16'41	...	255
Indore.	January . . .	Not available.	28'140	79'2	51'4	72'2	76'9	65'3	47	0'18	SW & SE	65
	February . . .		'117	82'7	50'1	74'0	80'7	66'4	34	...	NE & N	64
	March . . .		'060	90'2	59'6	82'0	88'0	74'9	31	...	NW & W	95
	April . . .		27'965	101'7	70'5	94'9	98'8	86'1	20	...	NW	121
	May . . .		'872	102'3	75'0	93'2	99'8	88'7	34	0'37	W & NW	145
	June . . .		'786	93'5	74'1	85'5	89'3	83'8	66	6'90	W NW & SW	122
	July . . .		'783	83'7	71'6	77'7	81'0	77'7	82	7'49	SW & W	140
	August . . .		'851	86'0	70'2	79'8	83'0	78'1	77	4'01	W SW & NW	149
	September . . .		'913	83'3	69'8	77'4	79'5	76'6	84	4'48	SW & NW	133
	October . . .		28'094	84'1	63'1	79'7	80'1	73'6	64	2'33	NEE & SE	52
	November . . .		'117	80'4	50'6	76'1	78'0	65'5	47	...	NE & SE	46
	December . . .		'230	74'8	42'8	69'4	72'0	58'8	44	...	SE & NE	44
	Year . . .		27'994	86'8	62'4	80'2	83'9	74'6	53	25'76	...	98
Neemuch.	January . . .	Not available.	28'344	76'9	49'7	64'7	75'5	63'3	47	0'27	S & SW & SE	233
	February . . .		'337	78'8	49'1	68'4	77'1	64'0	36	...	S & SW	243
	March . . .		'242	88'9	60'5	81'4	86'8	74'7	32	0'31	SW	270
	April . . .		'151	101'9	72'1	95'2	100'3	87'0	21	...	SW	289
	May . . .		'041	102'6	74'9	93'2	100'0	88'8	30	2'75	SW	404
	June . . .		27'954	97'6	76'7	88'4	94'5	87'2	52	3'51	SW	320
	July . . .		'953	85'9	73'1	80'7	83'1	79'5	79	4'35	SW	330
	August . . .		28'019	89'4	72'3	83'2	86'6	80'9	70	6'60	SW	309
	September . . .		'098	84'9	71'3	80'3	81'8	78'1	81	11'21	SW	266
	October . . .		'292	87'8	63'6	82'0	84'7	75'7	56	1'27	SWSE & NW	200
	November . . .		'320	83'0	51'8	75'3	80'2	67'4	33	...	S W & S	239
	December . . .		'444	74'9	45'4	66'5	72'6	60'2	36	...	S	203
	Year . . .		'183	87'7	63'4	79'9	85'3	75'36	48	30'27	...	276
Delhi.	January . . .	Not available.	29'304	71'6	49'2	60'0	69'6	60'4	60	1'70	SEW & NW	65
	February . . .		'267	74'7	48'8	63'5	72'8	61'8	43	...	NW & W	77
	March . . .		'155	87'2	60'7	76'3	84'4	74'0	46	1'79	NW & N	86
	April . . .		28'905	103'4	74'3	92'8	100'6	88'9	29	0'15	NW	95
	May . . .		'858	106'9	79'9	96'8	104'0	93'4	37	0'68	NW & W	137
	June . . .		'764	106'6	84'1	96'1	103'3	95'4	46	3'53	NW	100
	July . . .		'782	97'4	81'5	89'0	95'1	89'5	65	2'57	SE & NW	90
	August . . .		102'9	83'1	78'5	88'8	99'8	93'0	50	...	NW,	115
	September . . .		96'1	78'5	67'7	84'9	91'7	81'2	38	6'53	NW & N	90
	October . . .		94'6	67'7	53'9	69'8	78'8	67'9	42	0'09	NW & NW	59
	November . . .		81'8	46'7	60'4	71'6	60'6	41	0'01	W & NW	62	
	December . . .		74'4	67'4	81'1	88'8	79'5	46	17'05	W & NW	58	
	Year . . .		Untrustworthy.	91'5	67'4	81'1	88'8	79'5	46	17'05	...	84



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . .	Not available.	29°511	76°4	50°0	64°3	75°4	63°2	52	0°16	W	89
	February . . .		'423	79°5	51°1	67°3	78°4	65°3	40	0°08	W	107
	March . . .		'316	93°0	62°4	81°7	91°6	77°7	33	0°14	W N W	121
	April . . .		'205	101°8	72°2	92°8	100°2	87°0	24	...	W	109
	May . . .		'051	109°0	81°6	99°6	107°2	95°3	20	...	W	126
	June . . .		28°982	104°4	84°4	95°7	101°4	94°4	42	3°27	W	160
	July . . .		'061	95°3	81°2	88°7	92°8	88°3	68	4°61	E	134
	August . . .		29°045	88°1	77°6	83°1	86°1	82°9	81	9°89	N W, S W & W	93
	September . . .		'118	88°8	77°4	84°5	86°6	83°1	79	10°01	E	115
	October . . .		'366	87°4	66°3	80°4	86°4	76°9	58	4°54	N W & W	71
	November . . .		'462	81°1	52°7	71°6	80°2	66°9	47	...	N W	68
	December . . .		'552	73°8	46°6	63°2	72°6	60°2	55	0°25	N W	58
	Year . . .		'249	89°9	67°0	81°1	88°2	78°5	50	32°95	...	104
Fachbadra.	January . . .	Not available.	29°688	81°9	45°2	65°3	78°3	63°6	44	...	N E, S W	?
	February . . .		'593	87°3	48°8	69°9	82°0	68°1	34	...	N E, E & W	?
	March . . .		'488	101°6	59°5	82°3	93°6	80°6	34	...	S W & N W	?
	April . . .		'401	107°5	67°1	90°1	99°0	87°3	32	...	S W	74
	May . . .		'255	110°9	76°5	95°9	106°7	93°7	32	...	S W	102
	June . . .		Imper- fect	?	?	?	?	?	Imper- fect	...	?	?
	July . . .		'205	92°0	75°4	84°6	88°7	83°7	72	1°77	Calm & S	118
	August . . .		'286	91°7	74°9	85°5	88°3	83°3	76	6°41	Calm	27
	September . . .		'532	95°6	62°2	85°5	92°2	78°9	48	0°31	Calm	8
	October . . .		'627	87°2	49°7	75°8	84°6	68°5	36	...	Calm	1
	November . . .		'697	80°8	44°0	67°5	78°5	62°4	37	...	Calm	2
	December . . .		?	?	?	?	?	?	?	?	...	?
Sirsa.	January . . .	Not available.	29°415	75°4	44°3	62°4	73°6	59°9	52	0°14	Calm	14
	February . . .		'322	76°9	45°4	65°2	74°9	61°2	46	0°07	Calm	20
	March . . .		'216	89°5	56°0	82°4	87°2	72°8	39	0°08	Calm & N	35
	April . . .		'097	99°3	65°9	90°8	97°1	82°6	34	0°10	Calm & N	38
	May . . .		28°945	107°9	75°8	99°5	105°6	91°9	44	0°15	Calm	43
	June . . .		'864	102°9	81°9	93°9	101°2	92°4	57	4°91	W & Calm	44
	July . . .		'832	101°2	81°9	94°1	98°1	91°6	62	4°14	Calm & W	23
	August . . .		'905	97°5	78°7	89°5	95°1	88°1	64	2°58	Calm	19
	September . . .		29°027	93°1	74°9	87°4	89°5	84°0	73	2°19	Calm & E	21
	October . . .		'230	92°7	60°7	83°8	89°3	76°7	49	2°18	W	56
	November . . .		'346	81°6	46°6	71°1	78°1	64°1	51	0°27	W	53
	December . . .		'444	74°8	40°2	61°9	71°9	57°5	54	0°01	W & N	41
	Year . . .		'137	91°1	62°7	81°8	88°5	76°9	52	16°82	...	34
Luna.	January . . .	Not available.	29°306	74°8	53°7	64°3	73°6	64°3	37	...	N W, S W & S	57
	February . . .		'220	76°7	55°4	67°4	75°4	66°1	36	0°50	N E & N W	81
	March . . .		'106	89°2	66°0	80°8	88°4	77°6	37	0°01	Calm, S W, W & N W	90
	April . . .		'002	98°6	75°1	80°8	97°6	86°9	28	...	S W, Calm	89
	May . . .		28°855	107°2	84°1	97°4	106°3	95°7	24	0°46	W, S W & N W.	148
	June . . .		'777	103°8	84°7	93°5	101°1	94°3	?	1°64	S W & W	214
	July . . .		'722	101°0	81°9	93°8	99°2	91°5	51	0°97	N E, S W	166
	August . . .		'810	95°0	79°9	89°3	94°1	87°9	58	2°04	S W	155
	September . . .		'908	93°0	79°0	87°6	91°2	86°0	63	4°79	N E, S W & E.	107
	October . . .		29°144	92°3	71°2	84°1	91°4	81°8	47	0°46	S W W	95
	November . . .		'260	81°3	58°8	72°1	80°2	70°1	38	0°02	Calm	44
	December . . .		'346	74°7	50°9	64°2	73°2	62°8	30	...	E, N E & S E	44
	Year . . .		'038	90°7	70°1	82°0	89°3	80°4	?	10°89	...	107

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . .	Not available.	28°619	76°2	48°0	67°8	73°9	62°1	48	0°07	N W, W & N.	106
	February . . .		°537	78°2	49°6	69°1	76°5	63°9	47	0°06	N W & N.	139
	March . . .		°443	91°3	61°0	82°0	89°4	76°2	33	0°11	N W & N.	153
	April . . .		359	98°9	67°6	90°4	96°5	83°3	23	...	N W & W	168
	May . . .		°227	106°8	75°9	98°2	103°9	91°4	31	...	N W & W	179
	June . . .		°158	102°1	79°5	92°2	98°3	90°8	46	1°76	N W & W	233
	July . . .		°111	94°7	77°5	87°8	90°5	86°1	71	3°12	N W E	156
	August . . .		°188	90°1	74°6	83°1	86°4	82°4	73	5°59	N W.	137
	September . . .		°257	88°1	73°6	82°4	83°6	80°9	80	14°73	E & S E	135
	October . . .		°499	89°3	62°8	82°2	87°1	76°1	49	...	N W, N & N E.	82
	November . . .		°579	81°6	51°3	73°7	78°7	66°5	42	0°13	N & N W	77
	December . . .		°650	75°0	46°5	66°8	72°4	60°8	50	0°01	N E, E & N	76
	Year . . .		°386	89°4	64°0	81°3	86°4	76°7	50	25°58	...	137
Sambhar.	January . . .	Not available.	28°795	75°2	46°2	63°1	74°1	60°7	51	0°01	N, N E & W	72
	February . . .		°717	77°6	48°2	66°0	76°7	62°9	43	0°07	W N	104
	March . . .		°619	90°1	59°9	79°7	89°0	75°0	33	0°15	N, W & N W	124
	April . . .		°527	97°2	69°0	89°7	95°8	83°1	23	...	N W, W & S W	180
	May . . .		°388	105°1	77°7	97°7	103°8	91°4	24	0°23	N W, W & S W	224
	June . . .		°328	99°5	81°4	91°0	97°8	90°5	46	2°84	W & N W	300
	July . . .		°267	95°0	?	88°2	91°3	?	?	6°05	W, E, & W	220
	August . . .		°347	88°9	76°4	83°5	87°7	82°7	?	1°53	W	167
	September . . .		420	87°9	75°1	82°2	85°0	81°5	?	13°63	N, N W & N E	190
	October . . .		°668	88°3	63°3	81°3	86°5	75°8	?	...	W, N W	110
	November . . .		°757	79°2	51°7	71°6	77°6	65°5	?	0°32	N W, N & W	88
	December . . .		°825	72°6	45°0	62°9	70°5	58°8	?	0°04	W, N & N W	68
	Year . . .		°555	88°1	?	79°7	86°3	?	?	24°87	...	154
Ajmere.	January . . .	Not available.	28°462	74°7	45°2	65°8	73°2	60°0	57	0°23	N W, Calm & S	42
	February . . .		°378	77°6	49°3	68°2	75°9	63°5	48	0°12	N E S W	52
	March . . .		°286	89°2	59°8	80°5	87°6	74°5	38	0°04	Calm, N W, W	?
	April . . .		°209	95°8	70°4	88°0	94°3	83°1	24	...	W	116
	May . . .		°084	103°3	78°5	94°4	101°4	90°9	28	0°12	W	157
	June . . .		°017	97°8	79°3	87°8	95°5	88°6	52	5°05	W, N W	246
	July . . .		27°953	92°7	78°3	85°1	90°2	85°5	68	6°65	W	157
	August . . .		28°028	87°9	74°8	81°2	85°4	81°4	74	4°96	W	142
	September . . .		°090	85°9	73°1	80°6	83°5	79°5	79	10°41	N E, N W	82
	October . . .		°338	86°6	60°7	80°7	84°8	73°7	55	0°05	W, N W	40
	November . . .		°413	79°5	47°8	72°8	77°7	63°7	47	0°18	Calm, N E & S	16
	December . . .		°487	72°2	42°7	64°0	70°5	57°5	55	0°01	Calm	11
	Year . . .		°229	86°9	63°3	79°1	85°0	75°1	52	27°82	...	?
Mount Abu.	January . . .	Not available.	26°167	67°6	50°3	62°8	62°2	59°0	45	0°22	N E & W	104
	February . . .		°114	70°3	53°8	64°8	66°1	62°1	37	0°01	W	140
	March . . .		°082	79°5	62°5	73°1	76°2	71°0	29	...	W & S W	155
	April . . .		°042	83°6	66°6	77°1	80°3	75°1	25	...	W, S W	209
	May . . .		25°963	89°1	71°6	82°6	86°7	80°4	31	0°64	W & S W	210
	June . . .		Imperfect.	?	?	Imperfect.	?	?	Imperfect.	6°05	?	?
	July . . .		Untrustworthy.	76°8	61°8	70°9	73°9	69°3	83	36°33	W, S W	217
	August . . .		°846	71°4	64°0	67°0	69°1	67°7	93	16°03	S W, W	241
	September . . .		°910	73°1	64°8	69°6	69°3	69°0	91	34°00	N W	198
	October . . .		26°123	75°2	60°2	72°0	72°2	67°7	56	...	N	77
	November . . .		°151	72°4	54°4	68°3	68°3	63°4	41	...	N E	57
	December . . .		°174	67°8	50°3	63°1	63°2	59°1	45	0°07	N & N E, E	73
	Year . . .		?	?	?	?	?	?	?	93°35	...	?

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Deesa.	January . . . .	Not available.	29°585	83°1	50°5	72°1	80°6	66°8	40	...	NE & E.	180
	February . . . .		*409	87°0	55°3	76°4	84°8	71°2	30	0°02	NE, NW	201
	March . . . . .		*416	96°6	63°8	86°4	94°9	80°2	29	...	W & NW	204
	April . . . . .		*348	101°0	68°9	92°9	98°9	85°0	31	...	WSW	229
	May . . . . .		*226	106°7	77°2	92°0	105°0	92°0	40	0°01	SW, W.	342
	June . . . . .		*150	100°5	79°3	89°2	98°3	89°9	57	2°32	SW.	475
	July . . . . .		*046	92°9	77°8	85°0	89°8	85°4	74	24°75	SW.	372
	August . . . . .		*169	88°8	75°3	82°5	85°0	82°1	74	7°59	SW.	278
	September . . . .		*242	88°5	74°7	82°0	84°8	81°6	81	16°68	W, SW.	245
	October . . . . .		*473	91°6	65°3	84°7	89°6	78°5	54	...	NE.	144
	November . . . .		*537	88°2	54°3	80°0	86°4	71°3	37	...	NE.	176
	December . . . .		*601	82°8	50°7	74°2	80°5	66°8	36	0°06	NE & E.	186
	Year . . . . .		*358	92°3	66°1	82°9	90°0	79°2	49	51°43	...	253
Indore.	January . . . . .	Not available.	28°208	75°4	46°5	68°3	73°3	61°0	53	1°44	Calm, NE & S	34
	February . . . . .		*132	82°1	51°0	73°6	79°5	66°6	40	0°11	E.	56
	March . . . . .		*055	93°0	60°4	85°9	90°6	76°7	28	...	NE & SE	82
	April . . . . .		*004	97°9	68°3	90°6	95°3	83°1	23	...	NW & W	112
	May . . . . .		27°893	103°1	75°0	95°3	100°2	89°1	27	0°02	NW & SW	177
	June . . . . .		838	94°6	74°6	86°8	91°1	84°6	57	5°70	NW & W	185
	July . . . . .		*766	85°5	72°2	79°8	81°9	78°9	78	13°68	W & SW	175
	August . . . . .		*832	83°2	70°9	78°0	80°0	77°1	81	5°20	W & SW & NW	136
	September . . . .		876	81°3	69°8	76°9	77°4	75°6	87	11°42	NW & SW	133
	October . . . . .		28°101	83°6	61°0	79°6	81°4	72°3	63	1°28	NE	49
	November . . . .		*156	80°4	50°7	75°9	78°3	65°6	49	...	NE	37
	December . . . .		*202	75°0	46°9	68°5	71°9	61°0	61	0°69	NE	47
	Year . . . . .		*005	86°3	62°3	79°9	83°4	74°3	54	39°54	.....	102
Neemuch.	January . . . . .	Not available.	28°412	76°6	48°4	67°7	74°3	62°5	44	0°38	S W, S	167
	February . . . . .		*338	*81°6	51°1	71°7	79°4	66°4	33	0°02	S & SW	232
	March . . . . .		*259	92°5	61°8	84°3	90°5	77°2	28	...	SW	200
	April . . . . .		*186	98°1	68°3	90°2	96°1	83°2	25	...	SW	257
	May . . . . .		*065	104°4	76°2	94°9	102°2	90°3	25	0°07	SW	251
	June . . . . .		27°996	98°7	77°0	89°2	96°1	87°9	47	2°14	SW	323
	July . . . . .		*933	88°7	74°6	82°5	85°9	81°7	74	6°48	SW	279
	August . . . . .		28°007	86°0	72°0	80°6	83°7	79°0	77	8°84	SW	237
	September . . . .		*061	83°7	71°0	78°7	80°8	77°4	83	5°32	SW	265
	October . . . . .		*289	86°3	61°2	81°3	84°3	73°8	52	0°13	N SW	212
	November . . . .		?	82°5	52°3	75°7	79°7	67°4	35	...	S, SN & E	197
	December . . . .		*426	74°5	48°4	66°3	72°1	61°5	48	0°44	SE & Calm	238
	Year . . . . .		?	87°8	63°5	80°3	85°4	75°7	48	23°82	.....	238
Delhi.	January . . . . .	Not available.	29°375	75°5	49°5	62°2	73°3	62°5	52	...	W & NW	53
	February . . . . .		*256	77°4	51°3	65°6	75°1	64°4	44	...	NW & W	76
	March . . . . .		*160	90°9	61°0	79°7	88°7	76°0	40	0°17	W & NW	94
	April . . . . .		*037	100°3	72°4	91°1	97°8	86°4	27	...	W & NW	85
	May . . . . .		28°894	107°5	81°7	97°8	104°1	94°6	28	0°13	W & NW	89
	June . . . . .		*821	102°1	83°0	92°3	98°1	92°6	52	6°09	W & SE	98
	July . . . . .		*803	96°9	81°7	89°6	94°1	89°3	65	4°26	SE & W	86
	August . . . . .		*867	80°8	78°5	84°1	87°5	84°2	77	9°62	W & SE	59
	September . . . .		*965	86°9	76°2	82°1	84°4	81°6	81	16°46	SE & NE	50
	October . . . . .		29°191	85°	65°6	77°3	83°3	75°6	62	0°03	W & N	45
	November . . . .		79°7	79°7	54°0	69°1	77°0	66°9	45	...	W & NW	68
	December . . . .		*381	72°4	47°0	60°2	69°7	59°7	54	0°09	W & NW	56
	Year . . . . .		*086	88°8	66°8	79°3	86°1	77°8	52	36°85	.....	72



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Station	MONTH.	PRESSURE.		TEMPERATURE.					humidity Mean daily %.	in Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra	January . . .	Not available.	29°546	72°3	50°1	62.4	71°4	61°2	62	0°55	N W & W	88
	February . . .		°440	75°6	47°9	64°4	74°8	61°8	46	...	W	90
	March . . .		°370	92°2	62°4	81°2	91.1	77°3	39	0°15	W	86
	April . . .		°248	98°1	70°4	88°7	96°3	84°3	32	0°40	W	123
	May . . .		°199	100°9	75°0	91°5	99°3	88°0	37	2°34	W & N W	104
	June . . .		28°993	104°0	82°9	95°1	100.1	93°5	49	4°55	S W, W & N	115
	July . . .		°968	92°6	79°7	87°6	90°2	86°2	76	13°50	E, W & S W	118
	August . . .		29°002	87°5	78°1	83°5	85°4	82°8	85	13°38	E & S E	126
	September . . .		°203	94°9	75°0	88°1	94°1	85°0	62	0°16	W	104
	October . . .		°335	94°6	68°3	86°4	93°5	81°5	44	0°03	W & S W	85
	November . . .		°483	87°4	56°2	77°0	85°7	71°8	45	...	W	63
	December . . .		°506	73°7	50°9	64°2	72°5	62.3	62	0°72	W & E	82
	Year . . .		°274	89°5	66°4	80°8	87°9	78°0	53	35°81		99
Pachbhadra.	January . . .	Not available.	29°686	77°1	45°1	63°2	74°1	61°1	48	0°38	Calm	33
	February . . .		°592	81°4	43°7	68°9	78°9	62°6	26	...	Calm	33
	March . . .		°519	96°4	59°1	84°4	93°3	77°8	24	...	Calm	41
	April . . .		°415	99°1	66°3	88°7	96°4	82°7	33	0°01	S W, & Calm.	76
	May . . .		°334	104°3	74°1	93°9	101°3	89°2	34	0°81	Calm	74
	June . . .		°149	106°5	81°0	96°0	103°4	93°8	42	1°51	S W	168
	July . . .		°125	98°8	80°1	89°8	97°2	89°5	58	3°03	S W	224
	August . . .		°150	94°9	77°3	86°4	91°7	85°1	68	3°11	S W	205
	September . . .		°360	99°7	71°8	90°1	97°4	85°8	50	...	S W, Calm & S	160
	October . . .		°470	100°9	66°8	91°5	97°7	83°9	32	...	S W S E & Calm	96
	November . . .		°633	93°2	53°7	80°9	90°4	73°5	26	...	N E & S E	60
	December . . .		°642	81°1	47°2	68°0	78°7	64°2	40	...	N E	88
	Year . . .		°423	94°5	63°9	83°5	91°7	79°2	40	8°83		105
Sirsa.	January . . .	Not available.	29°425	66°9	44°4	57°6	64°5	55°7	69	2°75	W & N	75
	February . . .		°317	72°3	42°3	61°5	70°3	57°3	55	0°05	W	84
	March . . .		°244	89°7	56°4	80°2	87°1	73°1	53	0°02	W & N	85
	April . . .		°125	94°9	64°8	86°0	91°1	79°9	44	0°45	W & Calm	96
	May . . .		°072	97°6	69°2	87°7	93°8	83°4	48	2°10	Calm N W & S E	106
	June . . .		28°848	106°8	80°5	97°9	102°8	93°7	49	0°55	W & Calm.	86
	July . . .		°808	103°8	81°9	93°6	99°9	92°9	60	1°66	W & E	103
	August . . .		°845	96°7	79°0	88°3	93°9	87°9	67	5°58	E	119
	September . . .		29°052	100°1	73°4	89°5	98°1	86°8	51	0°30	W	99
	October . . .		°195	97°9	64°0	87°6	95°9	81°0	42	0°26	Calm & W	42
	November . . .		°352	88°2	49°7	75°9	85°2	69°0	38	...	Calm	25
	December . . .		°378	73°8	45°6	62°6	71°1	59°7	57	0°60	W N W & Calm	?
	Year . . .		°138	90°7	62°6	80°7	87°8	76°7	53	14°39		?
Bikaner.	January . . .	Not available.	29°327	68°8	50°1	59°3	66°3	59°5	45	0°54	N E & E	80
	February . . .		°224	73°3	50°2	64°1	72°3	61°8	37	...	N & N W	78
	March . . .		°150	89°9	66°5	81°0	88°5	78°2	41	...	Variable	108
	April . . .		°034	94°4	72°4	85°5	92°8	83°4	44	0°18	S W & W	104
	May . . .		28°971	97°9	75°6	89°4	95°0	86°8	49	1°97	Calm & W	111
	June . . .		°739	105°8	82°0	98°6	104°4	93°9	39	1°38	S W & Calm	155
	July . . .		°686	102°5	79°4	94°7	99°0	91°0	51	1°85	S W & S	165
	August . . .		°730	99°3	79°2	92°3	96°5	89°3	58	1°72	S W	158
	September . . .		°942	97°8	70°1	90°5	95°8	88°5	?	0°01	S W & S	159
	October . . .		29°064	96°5	74°7	89°4	94°2	85°6	?	...	S W & Calm	83
	November . . .		°214	86°0	65°4	80°2	85°1	75°7	37	...	S W	62
	December . . .		°264	72°4	59°1	68°0	71°5	65°8	43	0°06	S W	69
	Year . . .		°029	90°4	69°5	82°8	88°5	80°0	?	7°71	.....	111

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					humidity Mean daily %	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day
Jeypore.	January . . . . .	Not available.	28°605	72°1	48°4	63°3	69°9	60°3	56	0°52	N & E	93
	February . . . . .		°531	74°4	46°5	66°4	72°8	60°5	42	...	N & N W	98
	March . . . . .		°493	90°9	61°4	82°3	88°7	76°2	35	0°02	N W & N	112
	April . . . . .		°390	95°8	67°0	87°1	92°6	81°4	35	0°02	N W & N	129
	May . . . . .		°334	99°5	70°5	90°6	94°7	85°0	40	0°67	N W & N	137
	June . . . . .		°149	102°1	80°0	92°5	97°7	91°1	54	3°33	N W	169
	July . . . . .		°120	92°9	77°3	85°7	89°6	85°1	74	7°31	N W	148
	August . . . . .		°135	88°1	75°0	81°6	85°5	81°6	82	15°96	N W	157
	September . . . . .		°349	95°0	70°4	86°6	92°7	82°7	57	0°37	N W & W	138
	October . . . . .		°462	95°2	65°6	86°8	92°4	80°4	41	0°01	N W & N	86
	November . . . . .		°588	87°6	55°0	79°1	85°0	71°3	41	...	N W, N & N E	74
	December . . . . .		°588	74°7	49°9	66°2	72°0	62°3	61	0°69	N E	92
	Year . . . . .		°397	89°0	63°9	80°7	86°1	76°5	52	28°90	.....	119
Sambhar.	January . . . . .	Not available.	28°800	70°0	46°7	60°6	68°3	58°4	47	0°44	N & W	122
	February . . . . .		°704	72°4	44°4	62°7	70°5	58°4	30	...	W & N W	123
	March . . . . .		°655	88°5	59°2	79°1	86°4	73°9	28	...	W & N W	119
	April . . . . .		°549	?	66°9	84°2	91°3	?	30	0°04	W & N W	164
	May . . . . .		°487	?	71°6	88°8	93°1	?	38	1°31	W & N W	161
	June . . . . .		°318	?	80°0	91°4	96°9	?	46	3°09	W	204
	July . . . . .		°281	91°7	78°0	85°1	89°9	84°9	67	6°12	W	192
	August . . . . .		°296	87°5	75°9	81°8	85°4	81°7	77	11°32	W	208
	September . . . . .		°514	91°7	71°2	84°6	90°6	81°5	56	0°40	W	99
	October . . . . .		°630	92°8	66°0	85°3	91°3	79°4	39	...	N W & W	87
	November . . . . .		°766	84°7	53°4	75°0	83°2	69°1	35	...	W, N W & N	59
	December . . . . .		°764	72°0	47°2	62°5	71°4	59°6	53	1°31	N W & W	119
	Year . . . . .		°564	?	63°3	78°4	84°9	?	47	24°03	.....	138
Ajmere.	January . . . . .	Not available.	28°458	70°7	46°6	61°4	69°1	58°7	57	0°37	N E	64
	February . . . . .		°372	73°3	41°8	64°2	71°3	57°6	41	...	N E, N W & W	57
	March . . . . .		°328	88°7	57°5	80°6	86°7	73°1	38	...	N W & N E	77
	April . . . . .		°231	92°8	67°7	85°0	91°6	80°3	37	...	N W	134
	May . . . . .		°161	96°6	70°7	88°9	93°7	83°7	45	1°31	N W & W & S W	124
	June . . . . .											
	July . . . . .		27°999	99°5	79°4	90°8	97°3	89°5	50	4°4	W & N W	201
	August . . . . .		°957	91°8	76°9	83°5	89°4	84°4	71	7°19	W	202
	September . . . . .		°975	86°1	74°4	80°6	83°7	80°3	80	10°92	W & N W	207
	October . . . . .		28°169	90°4	69°5	83°7	88°9	80°0	64	0°21	N W & W	125
	November . . . . .		°302	91°9	62°8	84°7	90°6	77°4	47	...	N W	?
	December . . . . .		°429	85°1	49°9	77°0	83°5	67°5	45	...	S W & W	?
	Year . . . . .		°417	73°7	45°5	64°8	72°1	59°6	59	0°28	S W & N W	40
			°233	86°7	61°8	78°8	84°8	74°3	53	24°82	.....	?
Mount Abu.	January . . . . .	Not available.	26°155	66°2	50°0	60°8	62°0	58°1	49	0°47	S W, N & S	122
	February . . . . .		°075	66°4	49°8	59°9	64°1	58°1	32	...	N	133
	March . . . . .		°098	79°4	62°1	73°4	77°1	70°8	32	0°03	W & N	135
	April . . . . .		°031	81°4	63°8	74°2	78°6	72°6	35	0°03	W	158
	May . . . . .		?	?	?	?	?	?	?	0°57	?	?
	June . . . . .		?	?	?	?	?	?	?	4°18	?	?
	July . . . . .		?	?	?	?	?	?	?	6°38	?	?
	August . . . . .		25°827	72°6	64°9	68°0	69°8	68°8	95	22°90	S W & W	265
	September . . . . .		26°021	77°1	64°5	72°2	75°0	70°8	70	1°32	W & S W	182
	October . . . . .		°112	80°6	65°5	75°8	77°2	73°1	44	0°36	S	96
	November . . . . .		°190	76°5	60°3	71°7	73°3	68°4	32	...	N E & N	78
	December . . . . .		°141	67°6	51°6	62°8	64°4	59°6	47	...	N	22
	Year . . . . .		?	?	?	?	?	?	?	36°24	.....	?

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily. %.	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Deesa.	January . . . . .	Not available.	29'590	80'1	51'8	70'7	78'4	66'0	44	0'05	NE	228
	February . . . . .		'500	82'6	50'6	73'8	81'2	66'6	23	...	NE & N	212
	March . . . . .		'445	96'1	64'6	86'3	94'5	80'4	27	...	NW, W & N E & N	204
	April . . . . .		'365	97'6	68'8	87'0	95'6	83'2	31	0'03	W	195
	May . . . . .		'295	103'0	76'1	92'5	101'1	89'6	36	...	W	237
	June . . . . .		'120	103'4	82'0	93'1	101'4	92'7	48	1'28	SW & W	379
	July . . . . .		'111	94'6	78'3	85'4	92'2	86'5	69	7'78	SW	354
	August . . . . .		'128	88'9	75'8	82'9	86'7	82'4	78	8'82	SW	321
	September . . . . .		'329	95'7	72'3	87'7	94'0	84'0	55	0'28	SW & W	201
	October . . . . .		'418	97'5	68'1	89'5	95'1	82'8	39	0'01	SE & S	163
	November . . . . .		'542	93'9	59'7	85'4	91'3	76'8	27	...	NE & E	177
	December . . . . .		'535	84'6	53'8	75'4	82'4	69'2	36	...	NE	190
	Year . . . . .		'365	93'2	66'8	84'1	91'2	80'0	43	18'25	.....	247
Indore.	January . . . . .	Not available.	28'194	79'0	51'7	70'7	77'1	65'4	60	0'04	N, SE, S & W	60
	February . . . . .		'101	79'1	46'8	70'6	77'2	63'0	39	...	NEE & NW	68
	March . . . . .		'065	92'9	59'7	85'4	90'3	76'3	30	...	NW	76
	April . . . . .		27'994	97'6	67'6	89'0	94'4	82'6	31	0'20	W & NW	96
	May . . . . .		'943	100'4	72'4	93'1	97'3	86'4	30	0'56	W & NW	118
	June . . . . .		'702	94'6	74'5	86'6	91'1	84'6	57	8'35	SW & W	165
	July . . . . .		'786	85'4	72'4	79'7	82'8	78'9	79	5'56	SW & W	160
	August . . . . .		'812	82'2	70'7	77'0	79'0	76'5	84	6'89	W & SW	153
	September . . . . .		'972	88'4	68'6	82'5	84'5	78'5	68	2'41	NW SW & N	85
	October . . . . .											
	November . . . . .		28'064	88'8	63'1	84'3	86'10	76'0	52	2'50	NE & SE	45
	December . . . . .		'166	84'6	54'2	80'1	81'5	69'4	44	0'06	NE & SE	50
	Year . . . . .		'149 '003	77'7 87'6	49'6 62'6	71'2 80'9	74'8 84'6	63'7 75'1	51 53	0'53 27'10	SE & NE .....	56 95
Neemuch.	January . . . . .	Not available.	28'407	76'6	48'8	67'0	74'6	62'7	47	...	SW & S	235
	February . . . . .		'311	77'8	47'1	68'6	76'0	62'5	36	...	SW	249
	March . . . . .		'273	92'4	62'4	81'4	90'4	77'4	31	...	SW	267
	April . . . . .		'186	88'0	68'7	88'0	95'1	78'4	30	0'03	SW	281
	May . . . . .		'133	100'1	73'4	93'1	97'7	86'8	30	0'17	SW	288
	June . . . . .		27'969	99'2	77'2	91'5	95'6	88'2	44	3'38	SW	329
	July . . . . .		'952	88'2	74'2	82'1	84'6	81'2	75	9'78	SW	334
	August . . . . .		'969	82'9	72'4	78'5	80'8	77'7	84	8'01	SW	352
	September . . . . .		28'164	89'1	69'2	84'3	87'2	79'2	66	...	SW	242
	October . . . . .		'261	92'2	67'8	85'4	89'3	80'0	46	1'21	NW & W	228
	November . . . . .		'375	85'9	56'4	79'3	84'0	71'2	33	...	S & NW	246
	December . . . . .		'366	77'2	52'3	68'0	75'2	64'8	48	0'24	SE S & NW	294
	Year . . . . .		'197	88'9	64'2	80'9	85'9	76'2	48	22'82	.....	279
Delhi.	January . . . . .	Not available.	29'367	67'6	48'8	56'8	65'8	58'2	64	6'82	W & NW	81
	February . . . . .		'252	71'8	48'5	61'0	70'5	60'2	53	...	NW & W	75
	March . . . . .		'189	83'0	62'7	78'2	86'2	75'4	44	0'10	NW & W	69
	April . . . . .		'070	94'5	71'2	86'4	92'5	82'9	37	0'44	W & NW	81
	May . . . . .		'024	96'1	73'4	87'7	93'3	84'8	45	2'34	W & N	95
	June . . . . .		28'800	103'6	82'0	95'3	100'2	92'8	54	5'69	NNW & W	103
	July . . . . .		'788	93'2	80'6	87'8	91'0	86'9	72	7'02	SE & W	96
	August . . . . .		'818	88'2	78'4	82'7	85'5	83'3	83	15'47	SE & E	93
	September . . . . .		29'008	94'3	76'3	86'9	92'9	85'3	59	0'06	W & NW	85
	October . . . . .		'144	94'0	69'8	84'9	91'9	81'9	45	...	NW	62
	November . . . . .		'293	85'8	58'0	75'2	83'2	71'9	44	...	NW	52
	December . . . . .		'320	72'3	51'2	62'6	70'1	61'8	65	1'27	NW & SE	70
	Year . . . . .		'089	87'5	66'7	78'8	85'3	77'1	55	33'21	.....	80



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Station.	MONTH.	PRESSURE.		TEMPERATURE					Mean humidity daily %.	Total rainfall inches.	WIND.	
		S.A.M. mean.	Mean daily.	Mean max- imum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . .	Not available.	29'492	73'8	49'7	62'6	72'4	61'8	63	0'43	W	90
	February . . .		'466	78'2	49'2	66'0	77'6	63'7	39	...	W & N W	115
	March . . .		'328	89'4	63'3	78'1	87'7	76'4	46	0'28	E & W	106
	April . . .		'211	102'9	71'2	92'6	101'3	87'1	27	...	W	94
	May . . .		'102	105'5	80'0	94'5	104'0	92'8	36	0'50	W & E	147
	June . . .		28'993	102'3	82'4	93'2	99'7	92'4	52	5'26	W & N W	144
	July . . .		'979	91'5	80'3	86'5	89'0	85'9	79	15'60	E & N	112
	August . . .		29'042	90'1	78'6	85'7	87'6	84'4	81	9'46	W	99
	September . . .		'166	93'9	75'3	86'9	92'8	84'6	66	1'61	N W	100
	October . . .		'300	92'5	71'7	84'7	90'6	82'1	57	0'02	N E & E & N	62
	November . . .		'456	86'4	56'9	76'8	84'4	71'7	48	...	N W & W	43
	December . . .		'509	77'8	50'4	66'7	75'9	64'1	52	...	N W & N	64
	Year . . .		'254	90'4	67'4	81'2	88'6	78'9	54	33'16	...	98
Pachbhadra.	January . . .	Not available.	29'630	78'4	45'4	65'3	76'4	61'9	38	...	N E & Calm	45
	February . . .		'632	81'9	45'2	68'4	79'9	63'6	21	...	N E, E S E & Calm	51
	March . . .		'482	93'1	60'1	82'3	90'1	76'6	30	0'28	Calm	72
	April . . .		Imper- fect	106'1	69'6	94'1	103'2	87'9	26	...	Calm & S W	66
	May . . .			111'6	81'4	97'6	109'1	96'5	31	0'20	S W & Calm	185
	June . . .			105'4	80'3	93'0	103'4	92'9	50	1'88	S W	254
	July . . .		'177	96'0	78'7	87'2	94'1	87'4	69	5'46	S W & C	239
	August . . .		'248	94'0	76'0	85'4	91'6	85'0	69	4'29	S W a <sub>1m</sub>	214
	September . . .		'379	97'7	70'9	87'3	95'6	84'3	60	...	S W	215
	October . . .		'465	101'3	69'7	92'2	98'5	85'5	39	...	S W & Calm	110
	November . . .		'638	92'4	54'1	79'6	89'9	73'3	33	...	E	79
	December . . .		'703	82'0	44'6	68'0	80'0	63'3	29	...	Calm & N E & E	82
	Year . . .		?	95'0	64'7	83'4	92'7	79'9	41	12'11	...	134
Sirra.	January . . .	Not available.	29'379	68'6	44'7	58'0	67'5	56'7	64	0'74	N W & S E	100
	February . . .		'355	73'2	43'4	64'1	72'9	58'3	45	...	N W & N	121
	March . . .		'202	85'8	57'0	75'3	83'0	71'4	50	0'05	N	129
	April . . .		'097	100'9	67'1	91'4	98'2	84'0	3	0'03	N W	133
	May . . .		28'963	105'9	76'7	96'3	102'6	91'3	36	0'35	W & S E	155
	June . . .		'841	104'6	80'9	94'7	101'4	92'8	46	3'16	W & N W & Calm	133
	July . . .		'821	98'3	80'9	90'1	94'7	89'6	68	5'87	Calm & W	95
	August . . .		'890	99'7	79'0	90'6	96'1	89'4	62	2'19	W & S W	127
	September . . .		29'013	103'5	76'6	92'6	101'4	90'1	48	0'05	W	155
	October . . .		'179	96'3	64'1	86'1	93'1	80'2	43	0'55	Calm & S E & N W	80
	November . . .		'335	85'7	50'6	73'6	83'2	68'2	43	0'02	?	47
	December . . .		'394	76'3	44'4	63'8	73'6	60'4	42	0'02	?	85
	Year . . .		'122	91'6	63'8	81'4	89'0	77'7	48	13'03	...	113
Bikaner.	January . . .	Not available.	29'267	67'9	56'1	61'4	67'6	62'0	45	0'10	S W & S	83
	February . . .		'243	72'0	56'2	61'9	69'6	64'1	41	...	S W & N	93
	March . . .		'094	86'2	67'7	79'3	84'5	77'0	42	0'09	S W, S & Cal	97
	April . . .		28'988	101'0	78'1	94'7	99'0	89'6	35	...	S W	89
	May . . .		'841	108'1	84'3	102'1	105'0	96'2	30	0'94	W	130
	June . . .		'751	104'9	84'2	97'8	102'3	94'6	34	2'56	S W & S	156
	July . . .		'726	99'6	82'4	94'1	96'3	91'0	39	3'66	S & S W	159
	August . . .			98'2	80'2	93'1	95'7	89'2	45	1'27	S & S W	116
	September . . .			101'1	78'6	93'5	98'3	89'9	42	...	S W & S	169
	October . . .			97'4	74'6	92'4	95'3	86'0	41	...	S W & S	82
	November . . .			85'9	64'8	79'6	83'2	75'4	30	...	Calm, N & S	64
	December . . .										W	
	Year . . .		Untrustworthy.	75'2	56'0	69'4	72'7	65'6	27	...	Calm & N	60
				91'5	71'9	84'9	89'1	81'7	38	8'62	...	108

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . . . .	Not available.	28°57.5	73°2	50°0	64°2	70°9	61°6	60	0°58	E & N W	101
	February . . . . .		°57.1	77°5	48°5	67°6	75°6	63°0	38	...	N	101
	March . . . . .		°44.4	88°7	61°4	79°5	86°1	75°1	45	0°06	N W & N	128
	April . . . . .		°35.6	101°1	69°0	92°5	99°0	85°1	26	...	N W	118
	May . . . . .		°23.7	106°5	78°0	95°8	103°6	92°3	32	0°34	N W & N	142
	June . . . . .		°15.2	101°9	79°5	91°8	97°3	90°7	51	1°61	N W	150
	July . . . . .		°12.5	91°6	77°2	84°2	86°5	84°4	78	10°34	N W & W	133
	August . . . . .		°19.0	90°9	75°1	83°5	87°2	83°0	76	4°65	N W & W	116
	September . . . . .		°31.7	95°0	71°3	85°9	92°3	83°2	60	1°29	N W	124
	October . . . . .		°42.3	93°4	68°8	85°9	89°7	81°1	52	1°01	E	87
	November . . . . .		°55.9	86°7	56°4	78°5	84°2	71°6	43	0°02	N & N W	64
	December . . . . .		°60.5	78°1	49°1	69°3	75°3	63°6	42	...	N & N W	74
	Year . . . . .		°38.0	90°4	65°4	81°6	87°3	77°9	50	19°90	...	112
Sambhar.	January . . . . .	Not available.	28°74.7	70°9	47°6	62°4	69°6	59°3	55	0°05	S E & N W	127
	February . . . . .		°74.6	74°9	45°8	64°9	73°8	60°4	30	...	W & N	144
	March . . . . .		°61.0	86°5	59°3	77°6	84°6	72°9	34	0°03	W	173
	April . . . . .		°52.2	98°5	67°2	89°3	97°0	82°9	23	...	W & N W	153
	May . . . . .		°36.6	104°6	77°1	95°4	102°5	90°9	30	1°45	W & N W	200
	June . . . . .		°32.2	99°2	79°9	90°4	96°2	89°6	50	0°91	W	234
	July . . . . .		°28.0	90°9	77°9	84°2	87°6	84°4	75	7°95	W	215
	August . . . . .		°35.0	89°0	75°6	82°8	86°8	82°3	76	8°68	W	190
	September . . . . .		°48.2	92°5	73°5	84°2	91°3	83°0	59	1°53	W	199
	October . . . . .		°57.8	92°3	67°0	84°3	90°9	79°7	53	0°47	N & N W	124
	November . . . . .		°72.9	84°3	53°6	73°6	83°1	69°0	42	...	N W & N	93
	December . . . . .		°78.0	75°1	45°8	62°9	73°8	60°5	49	...	W & N	92
	Year . . . . .		°54.5	88°2	64°2	79°3	86°4	76°2	48	21°07	...	162
Ajmere.	January . . . . .	Not available.	28°40.1	72°1	45°6	62°6	70°6	58°9	56	0°20	N E & S E	37
	February . . . . .		°40.5	76°0	46°7	65°4	74°6	61°4	35	0°05	N E	63
	March . . . . .		°27.3	87°0	60°2	77°6	85°1	73°6	41	...	W & N W	95
	April . . . . .		°19.0	99°1	69°6	90°6	96°8	84°4	25	...	N W & W	88
	May . . . . .		°06.0	104°4	79°3	95°8	102°5	91°9	34	0°95	S W & W	119
	June . . . . .		27°98.7	98°1	79°6	89°0	95°5	88°9	54	1°89	W & N W	183
	July . . . . .		°94.1	89°4	76°8	83°9	88°3	83°1	75	3°94	N W & W	157
	August . . . . .		28°02.1	88°4	74°6	81°8	86°5	81°5	75	4°60	W & N W	148
	September . . . . .		°15.4	92°4	74°3	83°7	91°4	83°4	59	1°50	W & N W	150
	October . . . . .		°24.5	92°6	68°8	85°7	90°6	80°7	56	2°01	N E & Calm	29
	November . . . . .		°39.4	85°0	53°8	76°8	83°8	69°4	46	...	Calm & N E	18
	December . . . . .		°43.7	75°5	46°4	67°6	74°6	61°0	44	...	Calm, N E & N W	20
	Year . . . . .		°20.9	88°3	64°6	80°0	86°7	76°5	50	15°14	...	92
Mount Abu.	January . . . . .	Not available.	26°12.0	65°7	50°6	60°4	62°2	58°2	43	0°06	N & W	129
	February . . . . .		°13.4	69°9	52°6	64°0	66°7	61°3	27	...	N	145
	March . . . . .		°06.5	76°9	60°5	70°7	73°7	68°7	35	0°23	W & S W & N	160
	April . . . . .		°04.2	86°8	69°4	80°1	84°8	78°1	23	...	W	179
	May . . . . .		25°94.8	90°9	73°4	84°6	88°6	82°2	42	0°97	S W & W	193
	June . . . . .		°87.0	82°8	68°8	76°2	80°6	75°8	69	7°29	S W & W	203
	July . . . . .		°80.4	73°5	66°1	69°9	71°1	69°8	93	27°67	S W & W	241
	August . . . . .		°86.4	70°4	64°0	67°2	68°6	67°2	96	21°11	S W & W	249
	September . . . . .		°99.9	75°1	63°6	71°0	73°0	69°4	76	2°28	S W & W	197
	October . . . . .		26°06.1	81°3	66°4	77°1	78°4	73°9	50	0°04	N E & E	115
	November . . . . .		°16.1	76°2	59°8	72°2	73°2	68°0	42	...	E, W & N E	84
	December . . . . .		°16.4	70°2	53°2	65°2	66°4	61°7	40	...	N E	83
	Year . . . . .		°01.9	76°6	62°4	71°6	73°9	69°5	53	54°65	...	165

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean max- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Decan.	January . . .	Not available.	29°530	81°7	51°5	71°8	79°5	66°6	37	...	NE	210
	February . . .		531	86°5	53°0	75°6	84°6	69°8	20	...	NE	239
	March . . .		414	94°9	63°9	84°0	92°7	70°4	28	...	W, N W & N	20
	April . . .		332	104°4	68°7	92°4	103°1	86°6	25	...	W & S W	197
	May . . .		201	108°7	80°7	95°6	106°2	94°7	38	0°13	S W	303
	June . . .		129	102°0	80°9	90°7	100°4	91°5	54	1°16	S W	309
	July . . .		092	90°4	77°3	84°2	87°0	83°9	78	11°28	S W	340
	August . . .		176	87°1	75°2	81°8	85°2	81°2	78	8°93	S W	255
	September . . .		312	93°0	72°1	84°4	91°6	82°6	64	0°59	S W	178
	October . . .		341	98°5	71°5	80°8	95°9	85°0	48	0°08	NE, SE & S	157
	November . . .		504	93°4	61°4	85°3	90°7	77°4	34	...	E & NE	168
	December . . .		557	85°5	52°0	75°3	83°3	68°8	35	...	NE & N	182
	Year . . .		343	93°8	67°4	84°3	91°7	80°6	45	22°17	...	228
Indoe.	January . . .	Not available.	28°147	78°7	50°0	71°0	76°4	64°4	48	0°02	SE & S	62
	February . . .		143	83°2	49°4	74°1	81°3	66°3	31	...	NE & E	74
	March . . .		045	91°7	61°2	84°2	89°3	76°5	32	...	W & Calm	73
	April . . .		27°974	100°9	66°9	93°9	97°8	83°9	18	0°05	N W, W & N	80
	May . . .		869	103°5	77°1	95°7	99°4	90°3	34	4°24	W & N W & S W	107
	June . . .		796	91°9	72°6	84°8	87°0	82°3	69	11°11	N W & W	135
	July . . .		782	82°9	71°7	78°0	80°0	77°3	84	7°93	S W, W & N W	148
	August . . .		849	82°6	71°2	78°2	78°5	76°9	84	6°36	W & S W	155
	September . . .		957	87°9	68°7	82°1	85°2	78°3	71	0°59	W, N W, N & Calm	68
	October . . .		28°005	86°7	68°0	81°4	82°4	77°4	67	3°67	NE & E	56
	November . . .		149	84°2	56°4	79°7	81°4	70°3	50	...	NE & SE	42
	December . . .		191	78°0	50°9	72°4	75°4	64°5	53	0°36	NE & E	47
	Year . . .		27°992	87°7	63°7	81°3	84°5	75°7	53	34°33	...	87
Reenach.	January . . .	Not available.	28°346	77°7	49°1	66°0	75°8	63°4	45	...	S W & S	295
	February . . .		329	81°5	49°0	70°4	79°7	65°3	30	...	Variable	288
	March . . .		236	91°1	61°5	81°8	89°2	76°3	32	...	S W & S	262
	April . . .		157	101°2	69°9	93°4	99°4	85°6	20	...	S W, W & N W	279
	May . . .		041	106°3	79°0	96°5	103°4	92°7	27	0°66	S W	298
	June . . .		27°975	98°3	76°4	88°9	95°0	87°4	49	7°77	S W	315
	July . . .		942	86°6	73°4	81°1	83°7	80°0	78	5°62	S W	308
	August . . .		28°010	83°8	72°2	79°4	81°3	78°0	82	13°19	S W	252
	September . . .		134	89°2	69°0	82°8	87°2	79°1	68	1°16	S W	276
	October . . .		198	90°4	67°3	83°7	87°1	78°9	59	2°98	SE	206
	November . . .		346	85°8	57°4	78°9	84°1	71°6	45	...	SE & NE	?
	December . . .		387	77°6	50°6	69°5	75°0	64°1	44	0°14	E & S	18 ?
	Year . . .		175	89°1	64°6	81°0	86°8	76°9	48	31°52	...	?
Delhi.	January . . .	Not available.	29°310	69°8	50°7	60°2	67°9	60°3	65	1°23	W, N W & S E	79
	February . . .		277	74°5	49°8	63°6	72°8	62°2	47	0°12	N W & W	120
	March . . .		149	84°8	61°4	75°3	82°6	73°1	53	0°28	W, N W & S E	106
	April . . .		031	100°7	71°9	91°2	98°9	86°3	30	0°01	N W, W & N	100
	May . . .		28°924	102°4	77°5	93°2	100°2	90°0	39	0°54	SE	122
	June . . .		801	102°0	82°6	93°2	97°8	92°3	51	10°42	SE & N W & W	119
	July . . .		791	92°2	80°3	86°0	89°4	86°3	77	9°65	SE	95
	August . . .		854	91°9	78°7	85°2	88°8	85°3	77	4°75	SE, W & N W	80
	September . . .		070	96°2	77°0	88°6	94°3	86°6	58	1°24	N W & W	88
	October . . .		29°126	91°8	68°7	84°3	88°8	80°3	55	1°28	Calm & SE	42
	November . . .		267	85°0	56°5	74°3	82°1	70°8	48	...	Calm & N W & W	38
	December . . .		312	75°9	50°5	64°0	72°8	63°2	52	0°06	N W	77
	Year . . .		068	88°9	67°1	80°0	86°4	78°0	54	29°58	...	89



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Atra.	January . . .	Not available.	29°404	71°5	50°0	62°0	60°6	60°8	62	1°06	E, W & N W	81
	February . . .		°448	81°7	50°2	68°9	80°5	66°0	38	...	N W	91
	March . . .		°282	93°3	62°8	81°3	91°8	78°1	30	0°07	N W & W	111
	April . . .		°215	104°3	73°3	93°3	101°9	88°8	25	...	N W	79
	May . . .		°047	111°8	85°0	101°0	109°7	98°4	25	...	N W & W	134
	June . . .		°975	107°2	85°8	98°0	104°7	96°5	41	1°48	N W, W & N	?
	July . . .										E	?
	August . . .		°974	90°9	79°2	86°0	89°0	85°1	79	19°61	E, N W & N	?
	September . . .		29°048	86°6	77°7	83°1	84°7	82°2	87	12°82	W & E	95
	October . . .		°170	90°3	74°7	84°8	88°5	82°5	73	7°93	W & N W	93
	November . . .		°363	91°4	65°9	83°6	90°1	78°7	55	...	N W & W	71
	December . . .		°491	83°8	54°3	74°0	82°5	69°1	46	0°07	N W	47
	Year . . .		°522	77°9	50°3	66°4	76°7	64°1	55	...	N W & W	47
Pachhbadra.	January . . .	Not available.	29°603	77°2	45°1	63°0	75°1	61°2	44	0°23	E, Calm & N W	105
	February . . .		°653	85°7	47°1	69°6	84°0	66°4	26	...	E, NE & S W	111
	March . . .			96°5	58°4	79°2	94°6	77°5	32	...	S W	191
	April . . .			105°8	70°0	90°7	103°6	87°9	26	...	S W & S	179
	May . . .			110°0	78°4	91°0	108°2	94°2	43	...	S W	?
	June . . .			105°2	81°5	90°8	103°0	93°4	47	...	S W	346
	July . . .			96°1	78°4	85°3	93°9	87°3	68	1°71	S W	?
	August . . .			94°7	77°1	83°8	92°1	85°9	68	1°30	S W	355
	September . . .			100°1	75°1	84°9	98°4	87°6	54	...	S W	239
	October . . .			99°9	66°1	85°6	97°2	83°0	35	...	Calm	92
	November . . .			91°4	54°9	74°8	88°5	73°2	26	...	Calm	54
	December . . .			83°7	49°2	65°9	82°0	66°5	35	...	N E	67
	Year . . .		?	95°5	65°1	80°4	93°4	80°3	42	3°24	...	?
Sirsa.	January . . .	Not available.	29°289	68°5	43°6	56°7	66°1	56°1	59	0°63	?	95
	February . . .		°333	79°2	44°6	65°3	77°2	61°9	40	...	N W	122
	March . . .		°144	92°3	56°8	79°9	89°9	74°6	37	0°09	W & N W	142
	April . . .		°097	102°6	69°3	93°1	99°8	86°0	34	...	W & N W	115
	May . . .		28°896	112°1	79°3	101°6	109°4	95°7	26	...	W & S W	168
	June . . .		°846	106°2	82°3	95°3	103°8	94°3	41	1°58	W	?
	July . . .		°830	98°5	80°9	89°8	94°8	89°7	66	4°68	S E & E	170
	August . . .		°908	93°1	77°9	85°9	90°3	85°5	78	8°81	S W & E	115
	September . . .		29°028	97°4	72°3	87°3	94°7	84°9	60	1°64	W & S W	100
	October . . .		°224	95°4	61°8	85°3	93°0	78°6	47	0°50	W & S W	75
	November . . .		°366	85°4	46°9	72°7	82°9	66°2	45	...	W & N W	59
	December . . .		°404	76°5	43°3	63°2	73°9	59°9	53	1°14	E, N W & Calm	70
	Year . . .		°114	92°3	63°3	81°3	89°7	77°8	49	19°07	...	?
Bikaner.	January . . .	Not available.	29°227	68°9	50°3	60°9	65°7	59°6	29	0°40	S	87
	February . . .		°269	78°5	55°7	69°1	76°4	67°1	29	...	Variable	98
	March . . .		°083	91°0	66°2	84°5	89°3	78°6	27	...	S W & S	116
	April . . .		°002	102°3	76°7	94°8	99°9	89°5	27	0°18	S, W & Calm	113
	May . . .		28°817	110°6	84°8	101°5	109°4	97°7	25	0°04	W & S	201
	June . . .		°763	105°2	83°3	95°5	103°4	94°3	30	2°37	S, S W & W	191
	July . . .		°746	99°4	81°6	91°2	96°3	90°5	36	1°24	S & W	119
	August . . .		°833	96°7	80°1	89°2	93°4	88°4	41	1°44	S & S W	148
	September . . .		°939	100°7	77°8	91°7	98°2	89°3	43	0°03	S W & N	?
	October . . .		29°120	95°9	68°9	88°3	93°6	82°4	40	0°02	S & S W	?
	November . . .		°240	85°4	59°5	79°7	84°0	72°5	29	...	S & S W	?
	December . . .		°280	77°3	53°7	67°5	74°8	65°5	32	...	S & S W	?
	Year . . .		°027	92°7	69°9	84°5	90°4	81°3	32	5°72	...	?

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean max- mum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . .	Not available.	28°490	71°0	49°1	62°5	68°4	60°1	54	0°72	E, N W & N	90
	February . . .		°550	81°3	49°7	71°7	79°4	65°5	29	...	N & N W	80
	March . . .		°404	92°5	59°8	82°6	90°4	76°2	23	0°01	N W	108
	April . . .		°359	102°5	69°7	93°0	99°9	86°1	21	0°05	N W	105
	May . . .		°209	109°4	79°8	99°2	106°8	94°6	23	...	N W	157
	June . . .		°137	103°8	80°2	93°6	99°6	92°0	45	1°44	N W	145
	July . . .		°117	88°7	76°1	82°2	85°3	82°4	80	17°33	N W	136
	August . . .		°191	86°5	74°0	80°0	82°5	80°3	87	20°54	N W	115
	September . . .		°302	92°1	71°4	84°6	89°4	81°8	67	4°34	N W	101
	October . . .		°479	93°2	63°0	85°0	90°6	78°1	42	0°01	N W	83
	November . . .		°591	85°3	52°8	77°2	82°3	69°1	40	0°03	N	67
	December . . .		°607	79°0	49°1	70°2	76°6	64°1	46	0°03	N	77
	Year . . .		°370	90°4	64°6	81°8	87°6	77°5	46	44°50	...	107
Sambhar.	January . . .	Not available.	28°664	70°1	46°0	58°5	68°8	58°1	57	0°71	W, N W & N	52
	February . . .		°728	78°6	47°5	65°4	77°5	63°1	33	...	E N W & W	122
	March . . .		°570	89°9	57°5	79°8	88°6	73°7	23	...	W	158
	April . . .		°528	100°1	68°6	91°2	98°5	84°4	22	0°05	N W & W	147
	May . . .		°377	107°1	81°1	96°4	105°8	94°1	28	...	W	273
	June . . .		°307	102°5	80°8	93°1	99°8	91°7	44	0°35	W	250
	July . . .		°276	88°5	77°3	81°6	85°8	82°9	78	14°34	W	220
	August . . .		°348	85°5	75°1	80°1	83°7	80°3	85	7°31	W	201
	September . . .		°463	91°0	74°0	83°5	89°8	82°5	64	0°08	W & N	185
	October . . .		°644	91°1	63°2	82°4	89°6	77°2	45	0°06	W & N W	113
	November . . .		°766	83°0	51°0	71°9	81°3	67°0	41	...	W & N	75
	December . . .		°778	76°1	46°7	64°4	75°1	61°4	49	0°06	N	104
	Year . . .		°537	88°6	64°1	79°0	87°0	76°4	47	23°86	...	162
Ajmere.	January . . .	Not available.	28°318	71°3	46°5	61°4	69°7	58°9	55	0°80	Calm & NE	33
	February . . .		°384	79°5	47°8	70°0	78°4	63°7	35	...	Calm	26
	March . . .		°244	90°1	60°7	81°4	88°7	75°4	48	...	W & Calm	78
	April . . .		°192	100°6	69°5	91°5	98°4	85°0	42	...	N W & W	60
	May . . .		°059	105°7	81°9	94°4	104°2	93°8	47	0°08	W	200
	June . . .		27°987	100°0	80°6	89°8	97°6	90°3	55	1°07	W & N W	178
	July . . .		°950	86°1	75°5	80°6	84°1	80°8	80	10°55	W & N W	152
	August . . .		28°026	84°4	73°9	78°8	82°9	79°2	84	7°82	W	?
	September . . .		°137	89°5	72°9	82°0	88°1	81°2	65	0°70	W	124
	October . . .		°305	90°8	60°4	83°5	89°8	75°6	46	...	W & N W	63
	November . . .		°416	83°0	48°9	75°7	82°0	66°0	42	...	Calm	17
	December . . .		°428	76°5	45°5	68°8	75°5	61°0	48	0°01	Calm	26
	Year . . .		°204	88°1	63°7	79°8	86°6	75°9	54	21°03	...	?
Mount Abu.	January . . .	Not available.	26°045	65°6	49°9	59°9	62°4	57°8	44	0°01	W	140
	February . . .		°123	71°7	54°1	65°4	69°2	62°9	26	...	W & N W	123
	March . . .		°040	79°4	61°8	72°3	77°2	70°6	22	...	W	185
	April . . .		°044	87°4	69°8	81°0	84°8	78°6	23	...	W	171
	May . . .		25°959	89°3	72°0	83°1	87°4	80°7	32	...	W	243
	June . . .		°861	82°7	67°2	74°9	80°0	75°0	71	2°73	S W	200
	July . . .		°800	72°6	65°2	68°3	70°6	68°9	94	42°05	W	275
	August . . .		°875	69°9	64°2	66°7	68°3	67°1	96	30°99	S W & W	250
	September . . .		°980	76°2	63°8	72°1	73°5	70°0	70	0°84	S W & W	183
	October . . .		26°114	79°5	64°2	76°2	76°5	71°9	41	...	S W, W N & NE	108
	November . . .		°170	74°8	58°9	71°3	71°4	66°9	37	...	N & NE	79
	December . . .		°165	65°9	53°4	62°7	63°8	59°7	46	0°26	SE & NE	78
	Year . . .		°015	76°2	62°0	71°2	73°8	69°1	50	77°48	...	170

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity miles per day.
Deesa.	January . . . . .	Not available.	29'460	81'7	51'8	71'3	79'8	66'8	42	...	N	208
	February . . . . .		'514	89'1	52'4	77'2	87'2	70'8	20	...	NEN	203
	March . . . . .		'377	97'0	61'1	84'0	94'8	79'1	24	...	SW & W	209
	April . . . . .		'320	104'5	71'7	93'0	102'4	88'1	21	...	W & SW	230
	May . . . . .		'221	106'6	77'2	90'7	104'5	91'9	39	...	SW	375
	June . . . . .		'119	100'6	79'7	80'8	08'9	90'2	52	1'52	SW	374
	July . . . . .		'094	88'6	76'7	82'4	86'1	82'7	79	7'49	SW	355
	August . . . . .		'180	86'0	74'8	80'6	83'9	80'4	81	4'40	SW	294
	September . . . . .		'278	93'8	71'9	84'8	92'2	82'9	62	...	SW	212
	October . . . . .		'426	97'3	65'3	89'5	95'3	81'3	35	...	NE & E	169
	November . . . . .		'527	92'0	58'4	84'3	89'7	75'2	26	...	E & NE	168
	December . . . . .		'546	86'0	54'1	76'0	84'0	70'1	36	0'23	NE	212
	Year . . . . .		'339	93'6	66'3	83'6	91'6	80'0	43	13'64	...	251
Indore.	January . . . . .	Not available.	28'083	78'9	52'2	71'9	76'4	65'6	49	...	SE, S & N	78
	February . . . . .		'149	81'3	49'9	76'0	82'3	67'1	28	...	NE	66
	March . . . . .		'024	92'8	60'5	85'1	90'4	76'7	25	...	W & N W	104
	April . . . . .		27'970	100'7	69'2	93'8	97'8	85'0	21	...	NW & W	82
	May . . . . .		'870	102'5	75'6	92'9	100'1	89'1	36	0'37	NW	146
	June . . . . .		'783	93'5	74'0	85'2	89'3	83'8	62	6'56	W & SW	150
	July . . . . .		'764	81'0	71'5	76'5	77'8	76'3	88	16'67	W	160
	August . . . . .		'837	80'5	70'7	75'8	77'7	75'6	88	6'36	W	118
	September . . . . .		'921	83'6	69'2	79'0	80'6	76'4	78	6'76	NW	107
	October . . . . .		28'068	86'0	63'1	81'7	83'2	74'6	56	1'46	N & NE	60
	November . . . . .		'160	80'9	54'5	76'0	77'0	67'7	54	1'82	NE, E & SE	58
	December . . . . .		'165	78'1	50'2	73'3	75'7	64'2	55	0'21	SE	64
	Year . . . . .		'983	86'9	63'4	80'6	84'0	75'2	53	40'21	...	99
Neemuch.	January . . . . .	Not available.	28'270	78'1	50'5	67'6	75'4	64'3	47	...	SW & S	184
	February . . . . .		'218	?	Imperfect	82'6	89'9	?	38	...	?	?
	March . . . . .		'065	105'9	78'1	93'1	102'5	92'0	?	0'35	?	?
	April . . . . .		27'982	96'8	76'4	86'5	91'8	86'6	64	9'40	SW & W	?
	May . . . . .		'952	84'7	73'2	78'3	81'2	79'0	86	8'58	W & SW	?
	June . . . . .		28'033	83'0	72'3	77'3	80'1	77'7	86	19'45	W	317
	July . . . . .		'?	87'3	70'1	80'0	84'6	78'7	76	1'50	W	268
	August . . . . .		'?	89'5	64'0	82'4	87'4	76'8	45	...	W & E	212
	September . . . . .		'388	82'9	55'5	74'7	80'7	69'2	45	0'48	E & NE	147
	October . . . . .		'391	78'9	49'5	69'2	77'3	64'2	43	0'32	E	140
	November . . . . .		'?	?	?	?	?	?	?	...	?	?
	December . . . . .		'?	?	?	?	?	?	?	...	?	?
	Year . . . . .		'064	89'6	66'5	81'0	86'8	78'1	55	38'90	...	77
Delhi.	January . . . . .	Not available.	29'228	68'0	48'5	58'3	65'5	58'3	64	2'34	NW.	53
	February . . . . .		'252	78'9	51'6	67'7	75'9	65'3	30	...	NW	76
	March . . . . .		'105	90'8	61'8	80'8	88'1	76'3	33	...	NW	118
	April . . . . .		'054	102'2	73'3	93'5	98'7	87'8	25	0'09	NW	91
	May . . . . .		28'878	109'6	82'0	100'9	106'6	95'8	27	...	NW	110
	June . . . . .		'799	107'0	79'1	96'9	101'6	93'1	43	2'01	NE & NW	108
	July . . . . .		'822	92'0	78'0	86'1	89'0	85'0	75	12'92	SE & NE	96
	August . . . . .		'864	87'4	77'4	83'5	85'0	82'4	82	17'39	NE & SE	59
	September . . . . .		'975	89'7	74'8	83'8	88'4	82'3	69	3'92	NW	63
	October . . . . .		29'167	90'5	66'5	82'8	88'5	78'5	53	0'02	N	50
	November . . . . .		'290	82'7	55'0	72'8	80'4	68'9	47	...	N & NW	46
	December . . . . .		'334	75'9	49'9	65'3	73'6	62'9	55	0'30	NW, N & W	48
	Year . . . . .		'064	89'6	66'5	81'0	86'8	78'1	55	38'90	...	77



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					humidity Mean daily %.	Total rainfall inches.	WIND.	
		S. A. M. mean.	Mean daily.	Mean max- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . .	Not available.	29°53'4	69°5	45°8	58°6	68°2	57°7	58	0°92	W	72
	February . . .		'474	76°8	52°8	66°8	75°6	64°8	58	0°26	W & N W	106
	March . . .		'329	93°6	65°0	83°2	92°2	79°3	38	0°23	W & N W	119
	April . . .		'167	103°9	74°7	94°4	102°5	89°3	24	...	W & N W	134
	May . . .		'077	108°6	80°3	99°1	106°6	94°5	28	0°27	N W & W	124
	June . . .		28°969	108°0	85°1	98°4	105°6	96°6	37	0°64	N W & W	140
	July . . .		'970	92°8	79°9	86°8	89°7	86°4	79	8°91	N E, E, S E & N W	90
	August . . .		29°022	89°2	77°9	85°3	87°3	83°6	82	7°60	N W & S E	100
	September . . .		'208	91°3	74°9	86°4	88°7	83°1	73	9°77	N W	100
	October . . .		'379	92°0	66°5	84°9	90°6	79°3	53	0°12	N W	56
	November . . .		'458	84°0	57°6	76°4	82°0	70°8	52	0°23	N W	56
	December . . .		'544	76°2	46°0	65°8	74°9	61°1	57	...	N W	48
	Year . . .		'261	90°5	67°2	82°2	88°7	78°9	53	28°95	...	95
Pachbhadra.	January . . .	Not available.	Untrust- Worthy.	75°5	47°6	60°2	74°0	61°6	42	0°50	N E, N & Calm	72
	February . . .			81°3	54°9	67°4	79°7	68°1	49	0°71	Calm & N E	101
	March . . .			97°5	64°8	80°1	94°2	81°2	45	...	S W	131
	April . . .			104°7	72°5	86°9	101°1	88°6	44	...	S W & N W	159
	May . . .			108°8	76°8	91°6	103°9	92°8	42	...	S W	259
	June . . .			29°163	106°4	80°7	102°1	93°6	50	0°18	S W	339
	July . . .			'144	99°5	80°7	88°7	96°4	60	1°28	S W	306
	August . . .			'198	93°5	77°6	84°1	90°7	69	3°99	S W	228
	September . . .			'413	99°7	74°3	86°8	97°6	53	...	S W	121
	October . . .			'540	99°4	67°1	86°3	96°6	37	...	Calm	64
	November . . .			'627	87°9	56°6	74°2	85°7	42	...	Calm	53
	December . . .			'703	82°4	46°6	65°0	81°3	37	...	Calm	28
	Year . . .			?	94°7	66°7	80°2	91°9	48	6°66	...	155
Sitla.	January . . .	Not available.	29°421	66°7	40°6	54°8	64°7	53°7	61	0°26	N W & N	62
	February . . .		'358	74°1	46°3	62°3	71°5	60°2	58	0°60	N W	109
	March . . .		'195	92°9	60°0	81°0	90°8	76°5	50	0°09	W & N W	123
	April . . .		'044	102°5	69°5	92°5	99°7	86°0	46	0°04	W	136
	May . . .		28°930	108°9	78°1	100°3	105°9	93°5	40	0°21	W	137
	June . . .		'810	107°2	82°4	96°8	104°3	94°8	49	1°57	W & S W	?
	July . . .		'811	101°9	81°8	91°2	97°8	91°9	59	3°27	S W, W & S E	?
	August . . .		'872	99°0	79°3	89°9	96°3	89°2	65	3°87	S W	142
	September . . .		29°071	100°9	74°1	90°3	98°6	87°5	52	0°74	W.	157
	October . . .		'253	95°1	62°4	84°3	92°2	78°8	52	0°38	W & N W	78
	November . . .		'341	84°9	51°0	74°5	81°7	68°0	50	...	W, N W & S W	63
	December . . .		'424	75°8	41°2	62°2	73°0	58°5	53	...	N W & W	74
	Year . . .		'128	92°5	63°9	81°7	89°7	78°2	52	10°99	...	11°
Bikaner.	January . . .	Not available.	29°299	68°9	48°6	59°8	65°6	58°8	25	0°18	N, S & S W	1°
	February . . .		'242	74°6	53°7	66°9	71°7	64°2	23	0°20	S & Calm	15°
	March . . .		'085	92°2	67°8	83°3	89°8	80°0	25	0°57	N, S & S W	149
	April . . .		28°043	102°2	75°0	92°5	101°0	88°6	26	0°05	S, S W & N	172
	May . . .		'839	107°9	80°1	97°9	106°5	94°0	25	...	S, N & S W	200
	June . . .		'709	106°4	82°2	94°7	105°4	94°3	31	2°32	S, S W & N	276
	July . . .		'672	103°0	82°8	94°1	101°6	92°9	36	1°94	S, S W	215
	August . . .		'735	96°1	79°6	88°9	93°8	87°9	45	7°12	S	193
	September . . .		'046	99°6	78°6	90°0	98°4	89°1	41	...	S & S W	161
	October . . .		29°104	94°3	72°8	87°1	92°7	83°6	41	0°23	W & S	114
	November . . .		'192	83°9	62°1	76°4	81°7	73°0	36	...	N	91
	December . . .		'273	75°3	53°7	66°0	73°5	64°5	32	...	N	63
	Year . . .		'003	92°0	69°8	83°1	90°1	80°9	32	12°61	...	?

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					humidity Mean daily %.	Total rainfall inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean max- imum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . .	Not available.	28°617	69°7	44°7	60°9	67°7	57°2	52	1°06	E, N E & N	85
	February . . .		°567	76°3	51°9	66°8	73°9	64°1	52	0°94	N & N W	102
	March . . .		°453	93°1	62°5	83°5	91°0	77°8	37	0°15	N W & N	118
	April . . .		°327	101°2	69°4	91°6	99°1	85°3	27	0°44	N W	128
	May . . .		°237	106°6	77°8	97°5	104°5	92°2	25	...	N W	137
	June . . .		°130	105°7	81°1	95°0	103°4	93°4	38	0°31	N W	231
	July . . .		°111	93°9	78°1	86°6	90°6	86°0	72	11°74	N W	130
	August . . .		°164	86°9	74°6	80°7	83°7	80°8	86	16°55	N W	22
	September . . .		°347	93°9	72°2	86°2	92°1	83°1	59	1°11	N W	120
	October . . .		°506	91°1	64°7	84°4	87°9	77°9	50	1°25	N W	185
	November . . .		°569	82°7	54°6	75°8	79°7	68°7	52	0°68	Calm	63
	December . . .		°639	78°3	45°4	68°9	75°9	61°9	45	...	N W & W	67
	Year . . .		°389	90°0	64°7	81°5	87°5	77°4	50	34°23	...	116
Sambhar.	January . . .	Not available.	28°781	69°5	42°9	56°3	66°3	56°2	58	0°48	N, N E, W & N W.	119
	February . . .		°731	75°9	51°0	64°2	72°9	63°5	60	0°73	N & N W	138
	March . . .		°613	90°6	62°4	80°2	89°1	76°5	40	1°14	N W	172
	April . . .		°491	98°3	71°9	87°6	96°5	85°1	32	0°47	W & N W	195
	May . . .		°399	104°2	78°7	93°2	102°4	91°5	24	...	W	227
	June . . .		°302	105°9	81°5	92°5	102°2	93°7	41	0°23	W	271
	July . . .		°268	96°0	78°5	86°4	91°8	87°3	66	4°39	W & Calm	229
	August . . .		°324	86°4	75°0	80°2	83°8	80°7	82	14°19	W	191
	September . . .		°515	93°2	73°7	84°5	91°2	83°5	57	0°44	W & N W	203
	October . . .		°674	91°0	63°5	81°7	88°9	77°3	46	0°17	N W & W	112
	November . . .		°743	81°3	53°6	7°4	79°5	67°5	48	0°44	N W	83
	December . . .		°814	76°0	43°4	61°5	74°3	59°7	48	...	W & N	76
	Year . . .		°555	89°0	64°7	78°3	86°6	76°9	50	22°68	...	168
Ajmere.	January . . .	Not available.	28°432	68°3	42°3	60°5	67°3	55°3	52	0°47	S E, Calm & N E	38
	February . . .		°383	75°9	50°9	67°6	74°0	63°4	48	2°22	N W & N E	70
	March . . .		°277	91°9	63°1	82°3	90°0	77°5	37	0°05	W & N W	141
	April . . .		°162	99°7	72°5	89°6	97°7	86°1	33	...	W	217
	May . . .		°074	103°7	78°4	93°9	102°3	91°1	32	...	W	232
	June . . .		27°079	102°4	80°9	90°6	101°2	91°7	49	1°16	W	287
	July . . .		°947	91°5	77°9	83°6	90°2	84°7	72	5°76	W & N W	215
	August . . .		°098	83°4	74°1	78°0	82°2	78°8	84	13°89	W	177
	September . . .		28°187	90°6	72°8	83°0	89°2	81°7	60	0°02	W	171
	October . . .		°337	88°5	61°1	81°3	86°8	74°8	49	0°25	N W & S W	66
	November . . .		°400	79°2	51°2	71°7	78°3	65°2	59	0°60	N E, S W & N W	56
	December . . .		°465	75°7	42°9	65°3	74°7	59°3	51	...	N W, S W & S E	49
	Year . . .		°220	87°6	64°0	79°0	86°2	75°8	52	24°42	...	143
Mount Abu.	January . . .	Not available.	26°138	59°8	48°2	55°8	58°0	54°0	57	1°82	S W, N E & W	96
	February . . .		°112	65°9	53°2	61°7	63°1	59°6	49	1°17	N E, W & S W	131
	March . . .		°094	78°7	63°3	73°9	76°7	71°0	35	...	W	157
	April . . .		°022	84°1	68°1	77°2	82°6	76°1	31	...	W	217
	May . . .		25°050	87°7	70°1	81°1	86°3	78°0	30	...	W	234
	June . . .		°854	84°3	67°9	76°8	83°2	76°1	67	1°60	S W	256
	July . . .		°804	74°3	65°6	69°5	73°3	70°0	90	10°46	S W & W	283
	August . . .		°833	70°2	63°8	66°9	69°0	67°0	96	27°71	S W	227
	September . . .		26°020	76°8	64°4	73°7	75°2	70°6	67	...	S W	173
	October . . .		°135	78°8	64°5	75°7	76°5	71°7	40	0°03	S W & W	93
	November . . .		°139	70°8	56°8	67°4	68°5	63°8	41	0°61	N E & S E	103
	December . . .		°188	69°2	53°3	66°4	66°1	61°3	36	...	N E & N	71
	Year . . .		°024	75°1	61°6	70°5	73°2	68°4	53	43°40	...	170



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					humidity Mean daily %.	Total rain fall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity miles per day.
Deesa.	January . . .	Not available.	29°553	80°1	52°9	71°0	78°2	66°5	Daily. 44	1°16	N E, E & N	192
	February . . .		'518	83°7	59°5	75°3	82°2	71°6	36	0°43	N E & N	221
	March . . .		'432	98°0	66°8	86°3	96°3	82°4	29	...	W	219
	April . . .		'317	103°8	72°0	91°2	102°0	87°9	36	...	W & S W	241
	May . . .		'224	107°1	76°3	93°4	105°4	91°7	38	...	S W & W	347
	June . . .		'115	103°7	80°8	91°8	102°3	92°3	49	0°87	S W	410
	July . . .		'091	93°4	78°3	85°8	91°2	85°9	67	3°88	S W	437
	August . . .		'139	89°2	75°8	82°3	86°9	82°5	74	10°30	S W	350
	September . . .		'342	96°0	73°4	86°7	94°6	84°7	53	...	S W & W	202
	October . . .		'446	97°8	68°2	89°4	95°5	83°0	33	...	N E & E	166
	November . . .		'507	88°3	61°1	80°9	85°8	74°7	34	1°04	E & N E	233
	December . . .		'585	87°1	52°9	77°1	85°0	70°0	26	...	N E & N	195
	Year . . .		'356	94°0	68°2	84°3	92°1	81°1	43	17°68		268
Indore.	January . . .	Not available.	28°166	74°9	49°7	67°7	72°6	62°3	57	0°23	S E, N & E	67
	February . . .		'126	81°3	54°9	73°4	79°3	68°1	53	1°57	N & S E	81
	March . . .		'055	93°1	62°4	85°9	90°7	77°8	33	...	N W & N	94
	April . . .		27°951	99°9	70°6	92°0	97°6	85°3	24	...	N W & W	172
	May . . .		'875	101°9	75°2	93°5	99°4	88°6	27	...	W & S W	150
	June . . .		'779	95°7	75°6	87°1	91°1	85°7	62	8°37	S W, W & N W	165
	July . . .		'772	83°4	72°4	78°3	81°5	77°9	81	7°72	W & S W	195
	August . . .		'827	81°4	71°1	76°4	79°1	76°3	83	2°87	W & S W	165
	September . . .		'979	88°2	69°9	82°2	83°9	79°1	70	3°25	N & N W	108
	October . . .		28°108	89°1	62°5	84°5	85°4	75°8	50	1°46	N, S E, & E	43
	November . . .		'145	83°6	55°8	76°9	80°7	69°7	47	0°11	N, S E & N E	71
	December . . .		'213	80°6	46°2	72°7	78°0	63°4	39	...	N E, N E & S E	41
	Year . . .		'000	87°8	63°9	80°9	84°9	75°9	52	25°58		113
Neemuch.	January . . .	Not available.	28°389	73°6	47°2	62°8	72°0	60°4	50	0°91	E	151
	February . . .		'352	99°8	53°5	69°2	77°7	76°7	58	0°38	N E & E	180
	March . . .		'266	94°8	63°1	83°7	92°4	79°0	36	...	W	220
	April . . .		'153	102°5	70°7	90°0	100°4	86°6	35	1°24	W	232
	May . . .		'066	105°4	75°6	91°8	103°0	90°5	37	...	W	259
	June . . .		27°968	102°2	78°6	89°4	100°1	90°4	53	0°47	W	305
	July . . .		'943	87°3	74°4	80°1	85°6	80°9	81	8°00	W	248
	August . . .		'997	82°6	71°8	76°6	80°6	77°2	87	8°32	W	?
	September . . .		28°193	91°3	70°8	84°8	88°0	81°1	64	0°46	S W & N W	162
	October . . .		'333	91°4	65°0	85°9	88°6	78°2	49	0°26	Calm	85
	November . . .		'383	83°1	55°5	76°1	80°6	69°3	52	0°52	N E & E	104
	December . . .		'453	?	47°4	72°1	78°1	?	45	...	N E, E & Calm	84
	Year . . .		'208	?	64°5	80°2	87°3	?	54	20°56		?
Delhi.	January . . .	Not available.	29°355	68°2	46°4	57°1	65°5	57°3	61	0°93	W	67
	February . . .		'273	72°5	52°8	64°8	70°0	62°7	59	1°37	N W & W	96
	March . . .		'149	89°8	64°7	80°7	88°1	77°3	44	0°64	W & N W	93
	April . . .		28°998	101°1	75°0	91°7	98°2	88°1	31	0°13	W & N W	101
	May . . .		'903	105°3	80°4	95°4	101°2	92°9	33	1°58	W	92
	June . . .		'797	104°8	83°6	94°2	102°0	94°2	44	2°31	W & N W	105
	July . . .		'799	94°2	80°8	88°0	92°1	87°5	73	8°81	S E	87
	August . . .		'848	91°1	78°8	84°9	89°3	85°0	81	7°22	S E	58
	September . . .		29°029	91°4	75°2	84°3	89°5	81°3	69	8°78	W	47
	October . . .		'199	90°4	67°1	81°0	88°4	78°8	57	0°26	W	21
	November . . .		'289	87°1	57°1	7°6	84°7	72°1	56	0°20	S W	31
	December . . .		'383	75°1	45°3	59°9	73°4	60°2	52	...	W	30
	Year . . .		'085	89°2	67°3	79°5	86°9	78°3	55	32°23		69



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . .	29'539	29'408	75'2	49'2	64'1	74'1	62'2	Daily.	0'35	N W	73
	February . . .	'506	'471	77'1	54'1	67'3	76'3	65'6	58	1'61	N W	98
	March . . .	'437	'380	93'0	64'7	81'9	92'1	78'9	42	0'11	N W	99
	April . . .	'264	'211	103'5	73'9	94'0	101'6	88'7	28	0'53	N W	22
	May . . .	'175	'122	107'9	80'2	98'2	105'9	94'1	26	0'10	N W	124
	June . . .	'018	28'959	103'7	85'6	95'8	101'0	94'7	49	2'56	N W & S W	150
	July . . .	'021	'980	94'2	80'8	88'2	90'2	87'5	75	12'18	N W & S W	117
	August . . .	'045	29'000	90'9	78'9	83'0	88'8	84'9	81	7'89	SE & N W	108
	September . . .	'198	'153	97'1	77'1	89'9	95'2	87'1	61	0'20	N W	97
	October . . .	'331	'283	93'9	64'7	86'2	91'8	79'3	40	0'20	N W	76
	November . . .	'447	'402	85'2	53'3	75'5	83'5	69'3	39	...	N W	74
	December . . .	'528	'483	80'2	48'1	67'4	78'6	64'2	41	...	N W	74
	Year . . .	29' 2	'245	91'8	67'6	82'6	89'9	79'7	51	25'73	...	101
Pachbhadra.	January . . .	29'699	...	...	46'1	...	...	...	8 A.M.	...	Calm	45
	February . . .	'665	...	...	47'4	...	...	...	40	...	Calm	65
	March . . .	'606	...	...	52'5	...	...	...	33	...	Calm	73
	April . . .	'450	...	...	61'7	...	...	...	23	...	Calm	61
	May . . .	'300	...	...	68'7	...	...	...	20	0'06	Calm	121
	June . . .	'201	...	...	78'4	...	...	...	30	2'37	Calm & S W	212
	July . . .	'191	...	...	80'7	...	...	...	71	0'61	S W	148
	August . . .	'241	...	...	78'8	...	...	...	93	0'80	S W	115
	September . . .	'399	...	...	77'2	...	...	...	94	7'24	S W	45
	October . . .	'500	...	...	69'0	...	...	...	87	...	Calm	6
	November . . .	'637	...	...	55'7	...	...	...	83	...	Calm	22
	December . . .	'700	...	...	46'3	...	...	...	83	...	Calm	19
	Year . . .	29 471	...	...	63'5	...	...	...	77	11'08	...	77
Sirsa.	January . . .	29'413	...	73'5	42'1	...	...	57'8	8 A.M.	0'93	N W	96
	February . . .	'366	...	74'4	49'2	...	...	61'8	70	1'24	S E & S W	120
	March . . .	'304	...	90'1	59'5	...	...	74'8	84	0'21	N W	72
	April . . .	'127	...	101'8	79'8	...	...	86'3	67	0'25	N W	144
	May . . .	'050	...	104'8	74'3	...	...	89'6	41	0'25	S	66
	June . . .	28'867	...	106'2	83'2	...	...	94'7	38	1'42	S	264
	July . . .	'871	...	101'7	81'8	...	...	91'8	54	0'75	S	216
	August . . .	'927	...	97'3	79'1	...	...	88'2	68	0'25	S W	144
	September . . .	29'065	...	101'6	74'7	...	...	88'2	79	0'86	S W	144
	October . . .	'210	...	96'3	56'1	...	...	76'2	59	0'57	Calm & S W	96
	November . . .	'322	...	85'3	46'3	...	...	65'8	46	...	Calm	96
	December . . .	'388	...	79'1	42'4	...	...	60'8	62	...	Calm	96
	Year . . .	29'159	...	92'7	63'3	...	...	78'0	67	18'48	Calm & N	132
Bikaner.	January . . .	29'253	...	71'7	48'3	...	...	60'0	8 A.M.	0'08	N & Calm	78
	February . . .	'219	...	76'4	52'8	...	...	64'6	34	0'53	N	112
	March . . .	'172	...	90'7	65'5	...	...	78'1	19	0'62	S W	120
	April . . .	'020	...	100'4	74'6	...	...	87'5	10	0'65	S W	136
	May . . .	28'932	...	106'6	79'7	...	...	93'2	25	1'03	S W	173
	June . . .	'757	...	107'6	84'5	...	...	96'1	34	0'40	W & S E	224
	July . . .	'748	...	102'5	82'0	...	...	92'2	42	2'99	S	162
	August . . .	'785	...	97'3	80'2	...	...	88'6	52	8'46	S W	156
	September . . .	'947	...	99'6	78'8	...	...	89'2	58	0'08	S W	151
	October . . .	29'082	...	95'0	66'4	...	...	80'7	53	...	S W	109
	November . . .	'187	...	84'5	55'5	...	...	70'0	35	...	S W	97
	December . . .	'280	...	78'7	50'8	...	...	64'8	37	...	S W	78
	Year . . .	29'032	...	92'6	68'3	...	...	80'4	44	14'84	...	133

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . .	28°623	28°595	76°4	48°9	66°9	74°2	62°7	Daily. 46	0.64	E N W & N	86
	February . . .	°593	°561	77°6	51°9	68°5	75°9	64°8	53	0°47	N W	101
	March . . .	°557	°516	92°5	62°1	84°0	90°4	77°3	37	0°71	N W	101
	April . . .	°407	°365	100°9	69°3	92°0	98°3	85°1	32	0°21	N W & W	110
	May . . .	°332	°289	105°9	76°3	96°7	103°5	91°1	30	0°32	N W & W	132
	June . . .	°174	°133	100°3	80°4	91°4	97°3	90°4	54	4°26	W	162
	July . . .	°171	°137	94°0	77°9	87°2	89°7	86°0	75	4°55	W	100
	August . . .	°190	°158	88°6	76°0	82°7	84°4	82°3	84	14°54	W & N W	103
	September . . .	°345	°301	97°6	72°8	89°4	94°9	85°2	54	0°03	N W & W	84
	October . . .	°459	°428	93°8	60°3	86°1	90°7	77°1	38	0°05	N W & N E	78
	November . . .	°561	°531	86°1	49°7	76°8	83°9	67°9	39	...	N W	73
	December . . .	°627	°596	81°8	45°9	71°5	79°4	63°9	42	...	N W	72
	Year . . .	28°420	°384	91°3	64°3	82°8	88°6	77°8	49	25°78	...	100
Sambhar.	January . . .	28°790	Not available.	75°1	46°8	Not available.	Not available.	61°0	8 A.M. 60	0°34	N E & Calm	120
	February . . .	°750		75°8	51°4			63°6	71	1°26	N	120
	March . . .	°720		89°9	60°9			75°4	50	0°34	Calm & N	120
	April . . .	°568		98°4	71°3			84°9	39	0°21	W.	163
	May . . .	°492		102°9	78°2			90°6	37	1°53	N W	192
	June . . .	°340		100°1	81°0			90°6	61	2°68	W	240
	July . . .	°322		93°7	78°6			86°2	74	5°07	W	168
	August . . .	°346		87°5	76°7			82°1	85	12°07	W	163
	September . . .	°500		94°4	73°7			84°1	64	...	W	144
	October . . .	°622		91°4	59°7			75°6	49	0°01	Calm	96
	November . . .	°727		82°7	48°6			65°7	51	...	Calm	48
	December . . .	°790		78°6	43°8			61°2	59	...	Calm	48
	Year . . .	28°531		89°2	64°2			76°8	58	24°09	...	136
Aimere.	January . . .	28°444	28°417	73°8	47°4	63°0	72°9	60°6	46	0°62	N E & S W	70
	February . . .	°412	°389	76°4	52°0	64°7	75°6	64°2	55	0°34	N W & S W	92
	March . . .	°387	°350	91°1	62°2	79°4	89°3	76°7	38	0°57	N W & N E	79
	April . . .	°238	°204	99°6	72°6	89°2	97°8	86°1	33	0°15	W & N W	139
	May . . .	°168	°132	104°0	80°2	93°8	101°9	92°1	35	1°25	W & N W	184
	June . . .	°017	27°987	98°8	81°6	88°7	96°6	90°2	57	3°99	W	234
	July . . .	27°998	°966	92°2	78°8	84°4	90°4	85°5	74	4°00	W	164
	August . . .	28°023	°998	86°2	76°2	80°3	84°1	81°2	83	12°65	W	157
	September . . .	°176	28°139	93°8	72°9	84°6	92°8	83°4	62	0°20	W & N W	84
	October . . .	°290	°260	90°7	57°9	79°4	89°4	74°3	45	1°40	N E & W & Calm.	43
	November . . .	°391	°367	84°1	46°3	70°1	82°7	65°2	42	...	Calm & W	33
	December . . .	°438	°428	80°4	43°8	64°4	78°6	62°1	45	...	Calm & W	32
	Year . . .	28°250	°220	89°3	64°3	78°5	87°7	76°8	51	25°17	...	109
Mount Abu.	January . . .	26°154	Not available.	67°7	53°7	Not available.	Not available.	60°7	8 A.M. 49	0°07	Calm & S W	48
	February . . .	°131		68°3	54°7			61°5	44	0°59	Calm & N W	144
	March . . .	°158		78°2	63°6			70°9	35	...	Calm & N	120
	April . . .	°053		86°3	70°7			78°5	27	...	N W	168
	May . . .	°019		87°4	71°0			79°2	38	4°87	W	192
	June . . .	25°860		82°3	68°7			75°6	75	13°70	S W	312
	July . . .	°826		75°2	66°7			71°0	95	9°11	S W	216
	August . . .	°854		71°1	64°6			67°9	99	29°92	S W	216
	September . . .	°096		77°4	65°5			71°5	71	0°43	S W	144
	October . . .	26°079		78°5	63°3			71°0	40	...	Calm & N	96
	November . . .	°142		73°6	57°0			65°3	36	...	Calm & N	96
	December . . .	°183		71°8	55°5			63°7	39	...	Calm	72
	Year . . .	26°038		76°5	62°9			69°7	54	58°69	...	152

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity per cent.	Total rainfall in inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean max. num.	Mean min. num.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day
Deesa.	January . . .	29°597	29°541	85°5	55°6	75°1	83°3	70°6	Daily.	30	N E N & W	222
	February . . .	'564	'518	88°1	57°8	76°5	86°1	73°0	31	0°10	W & S W	222
	March . . .	'527	'473	97°7	66°1	87°8	95°5	81°9	26	...	N W W & S W	207
	April . . .	'392	'332	104°9	74°3	92°7	102°6	89°6	28	...	S W & W	224
	May . . .	'330	'265	107°4	77°0	94°3	105°0	92°2	37	1°70	S W	283
	June . . .	'169	'113	101°2	80°9	90°3	99°3	91°1	54	5°96	S W	450
	July . . .	'141	'099	91°7	78°0	85°0	89°4	84°9	75	10°12	S W	287
	August . . .	'184	'145	88°2	76°1	82°7	85°5	82°2	79	8°51	S W	237
	September . . .	'327	'274	95°9	73°4	87°2	93°5	84°7	61	0°62	S W & N W	148
	October . . .	'434	'374	97°6	63°2	89°0	95°3	80°4	36	...	E & S	159
	November . . .	'542	'497	92°8	53°6	83°1	90°1	73°2	29	...	E & N E	159
	December . . .	'600	'552	89°8	51°5	78°4	87°2	70°7	28	...	E & N E	183
	Year . . .	29°400	'349	95°1	67°3	85°2	92°7	81°2	43	27°01	...	232
Indore.	January . . .	28°211	Not available.	83°9	52°3	Not available.	Not available.	68°1	8 A.M.	54	Calm	72
	February . . .	'189		85°0	53°7			69°4	...	44	Calm & N	72
	March . . .	'171		94°7	62°1			78°4	0°02	30	E & N W	92
	April . . .	'044		101°0	70°7			85°9	0°18	26	N W	120
	May . . .	27°984		104°2	76°4			90°3	0°69	35	N W	144
	June . . .	'860		95°0	75°9			85°5	68	5°01	S W	192
	July . . .	'843		85°7	73°4			79°6	88	4°04	S W	120
	August . . .	'862		80°9	71°9			76°4	93	10°95	S W	144
	September . . .	'994		88°6	70°5			79°6	81	3°51	Calm & N	48
	October . . .	28°083		86°1	61°3			73°7	60	2°23	Calm	48
	November . . .	'177		83°0	48°7			65°9	48	...	Calm	48
	December . . .	'238		81°5	47°1			64°3	52	...	Calm	24
	Year . . .	29°055		89°1	63°7			76°4	57	26°63	...	94
Neemuch.	January . . .	28°435	Not available.	80°7	52°1	Not available.	Not available.	66°4	8 A.M.	55	Calm	120
	February . . .	'414		82°8	53°8			68°3	48	0°45	Calm	96
	March . . .	'391		93°3	63°4			78°4	45	...	Calm	48
	April . . .	'253		101°7	72°9			87°3	43	0°01	Calm	96
	May . . .	'178		104°4	76°4			90°4	40	1°76	S W	216
	June . . .	'028		98°0	78°4			88°2	68	6°52	S W	288
	July . . .	'007		88°5	74°7			81°6	83	8°13	S W	192
	August . . .	'028		83°5	73°2			78°4	90	15°66	Calm & S W	168
	September . . .	'170		91°7	72°1			81°9	70	0°30	Calm	72
	October . . .	'277		90°6	62°9			76°8	45	0°08	Calm	24
	November . . .	'381		85°8	51°0			68°4	45	...	Calm	...
	December . . .	'441		82°1	47°5			64°8	54	...	Calm	12
	Year . . .	28°250		90°3	64°9			77°6	57	32°99	...	111
Delhi.	January . . .	29°357	Not available.	74°0	43°3	Not available.	Not available.	58°7	8 A.M.	63	Calm & W	72
	February . . .	'319		72°9	48°5			60°7	80	2°24	Calm & W	72
	March . . .	'254		88°5	57°5			73°0	60	0°46	Calm & W	72
	April . . .	'080		100°1	72°3			86°2	39	0°07	W	72
	May . . .	'000		103°7	83°0			93°4	38	0°75	Calm & W	72
	June . . .	28°847		103°9	84°9			94°4	57	1°43	S E & W	96
	July . . .	'852		93°9	81°0			87°5	81	8°38	Calm & W	72
	August . . .	'885		90°1	79°3			84°7	85	13°61	Calm	48
	September . . .	29°027		94°8	76°6			85°7	71	0°17	W	48
	October . . .	'158		93°0	64°9			79°0	50	...	Calm & W	48
	November . . .	'269		84°4	54°5			69°5	40	...	Calm & W	48
	December . . .	'346		78°5	49°0			63°8	51	...	W	48
	Year . . .	29°116		89°8	66°2			78°1	60	28°88	...	64



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . .	29'472	29'435	77'8	48'3	64'5	76'5	63'1	Daily 45	...	N W	86
	February . . .	'471	'433	83'1	52'0	70'4	81'8	67'6	36	...	N W	96
	March . . .	'328	'278	90'1	63'4	80'1	88'2	76'8	38	0'52	N W	98
	April . . .	'250	'191	103'6	74'1	93'2	101'9	88'9	26	0'01	N W	120
	May . . .	'117	'049	109'8	82'8	100'1	108'4	96'3	24	...	N W	136
	June . . .	28'986	28'922	102'3	84'7	94'5	100'6	93'5	51	5'49	N W	131
	July . . .	'974	'939	89'9	78'6	85'3	87'8	84'3	85	9'65	S W	140
	August . . .	29'105	29'066	90'6	77'2	85'8	87'7	83'9	82	8'01	N W	88
	September . . .	'189	'144	93'8	76'0	87'6	90'8	85'0	72	3'58	N W	111
	October . . .	'381	'323	92'1	65'8	83'7	90'2	79'0	52	...	N W	82
	November . . .	'537	'484	84'5	54'3	73'5	82'3	69'4	48	...	S W	55
	December . . .	'545	'492	76'1	51'4	65'6	74'0	63'7	60	0'14	N W	89
	Year . . .	29'280	'230	91'1	67'4	82'0	89'2	79'3	52	27'40	...	103
Pachbhadra.	January . . .	29'647	...	...	46'0	...	...	...	8 A.M. 71	...	Calm	22
	February . . .	'651	...	...	48'4	...	...	...	70	...	Calm	84
	March . . .	'513	...	...	62'4	...	...	...	73	...	Calm	70
	April . . .	'460	...	...	72'4	...	...	...	75	0'30	Calm & S W	78
	May . . .	'338	...	...	78'0	...	...	...	83	...	S W	132
	June . . .	'191	...	96'8	81'3	...	...	80'1	92	0'79	S W	?
	July . . .	'152	...	90'4	78'7	...	...	84'6	84	2'47	S W	?
	August . . .	'294	...	85'9	75'6	...	...	80'8	85	2'86	S W	?
	September . . .	'397	...	86'2	74'2	...	...	80'3	88	0'36	S W	?
	October . . .	'555	...	?	66'4	...	...	?	81	...	S W & N E	?
	November . . .	'668	...	?	?	...	...	?	82	...	N E	?
	December . . .	'696	...	?	?	...	...	?	89	0'42	Calm & N E	144
	Year . . .	29'464	...	...	68'3	...	...	...	81	7'20	...	87
Sirsa.	January . . .	29'340	...	76'6	43'3	...	...	60'0	8 A.M. 74	...	Calm & N W & E.	120
	February . . .	'350	...	79'6	45'6	...	...	62'6	65	0'04	Calm & W	144
	March . . .	'200	...	86'4	56'4	...	...	71'4	64	0'23	N E	144
	April . . .	'117	...	100'9	69'5	...	...	85'2	58	...	S W & N W	163
	May . . .	28'968	...	108'1	77'6	...	...	92'9	40	0'72	S W & W	192
	June . . .	'845	...	105'0	82'9	...	...	94'0	57	4'06	S E & S W	144
	July . . .	'814	...	98'0	80'5	...	...	89'3	76	6'75	S E & S W	240
	August . . .	'960	...	95'7	78'8	...	...	87'3	75	1'02	S E & S W	192
	September . . .	29'056	...	101'1	75'0	...	...	88'1	64	...	S W	168
	October . . .	'229	...	96'5	62'1	...	...	79'3	62	...	Calm & S	96
	November . . .	'387	...	85'4	51'1	...	...	68'3	72	...	Calm & S E	48
	December . . .	'406	...	70'3	47'2	...	...	58'8	88	0'64	Calm & N W	96
	Year . . .	29'139	...	92'0	64'2	...	...	78'1	66	13'46	...	146
Bikaner.	January . . .	29'236	...	75'2	51'8	...	...	63'5	8 A.M. 43	...	W	77
	February . . .	'236	...	77'7	54'6	...	...	66'1	61	0'11	N	87
	March . . .	'078	...	86'7	64'6	...	...	75'7	45	0'13	S W & N	132
	April . . .	'012	...	99'7	76'9	...	...	88'2	45	0'07	S W	148
	May . . .	28'870	...	106'9	84'2	...	...	95'6	61	...	S W	214
	June . . .	'759	...	104'8	85'9	...	...	95'2	68	1'23	S W	247
	July . . .	'759	...	97'1	82'0	...	...	89'6	75	2'89	S W	255
	August . . .	'921	...	94'3	79'9	...	...	87'1	76	1'07	S W	190
	September . . .	29'024	...	101'0	80'3	...	...	90'6	75	...	S W	157
	October . . .	?	...	94'8	72'9	...	...	83'9	64	0'55	N	125
	November . . .	?	...	84'5	60'4	...	...	72'5	59	...	N	102
	December . . .	?	...	69'3	52'0	...	...	60'4	77	0'63	N W	95
	Year . . .	29'986	...	91'0	70'5	...	...	80'7	62	6'68	...	152

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in in- ches.	WIND.	
		S A. M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity miles per day.
Jeypore.	January . . .	28°571	28°545	79°7	46°8	69°4	77°4	63°3	Daily. 38	...	N W	79
	February . . .	'576	'545	82°7	51°7	73°0	80°4	67°2	33	...	N W	89
	March . . .	'442	'409	87°9	62°1	79°2	85°7	75°0	41	1°67	W	99
	April . . .	'394	'348	101°4	71°1	92°7	99°0	86°3	28	0°03	W	126
	May . . .	'268	'223	107°5	78°6	97°5	104°5	93°1	26	0°02	W	163
	June . . .	'152	'105	101°6	80°6	92°4	97°8	91°1	52	2°60	W	160
	July . . .	'122	'087	100°5	76°9	83°9	87°1	83°7	75	8°06	W	150
	August . . .	'253	'221	90°1	74°0	82°8	86°6	82°0	76	6°66	W	109
	September . .	'337	'294	95°7	72°1	87°0	92°4	83°9	61	3°49	N W	97
	October . . .	'505	'458	93°8	63°4	85°7	90°3	78°6	44	0°14	N W	70
	November . .	'627	'587	85°2	55°2	77°6	81°6	70°2	43	...	E & S E	64
	December . .	'619	'585	75°9	50°3	66°8	72°4	63°1	58	0°22	N W	70
	Year . . .	28°406	'367	91°0	65°2	82°3	87°9	78°7	48	22°89	...	106
Sambhar.	January . . .	28°731	Not available.	76°8	46°7	Not available.	Not available.	61°8	8 A. M. 59	...	Calm	72
	February . . .	'735		79°8	49°4			64°6	47	...	Calm	96
	March . . .	'598		86°6	60°1			73°4	49	0°53	Calm & N	120
	April . . .	'555		99°3	70°9			85°1	33	...	Calm & W	192
	May . . .	'420		105°5	80°4			93°0	33	...	W	240
	June . . .	'311		101°6	81°8			91°7	60	0°90	W	216
	July . . .	'281		91°6	77°5			84°6	75	3°85	W	240
	August . . .	'406		89°0	75°0			82°0	79	4°01	W	168
	September . .	'492		94°6	74°6			84°6	67	1°15	W	144
	October . . .	'657		93°6	63°8			78°7	48	0°13	Calm & N W	96
	November . .	'790		84°5	52°7			8°6	49	0°01	Calm	96
	December . .	'779		73°7	48°3			61°0	71	0°31	Calm	96
	Year . . .	28°564		89°7	65°1			77°4	56	10°89	...	148
Ajmere.	January . . .	28°405	28°374	79°0	45°3	65°3	77°2	62°2	Daily. 43	...	N W, S W & Calm.	47
	February . . .	'409	'379	81°6	51°1	70°5	79°7	66°4	36	...	N E	63
	March . . .	'272	'236	88°3	63°0	78°8	86°2	75°0	38	0°15	W	108
	April . . .	'237	'182	100°1	73°9	91°4	98°2	87°1	29	...	W	156
	May . . .	'116	'072	104°2	80°4	94°4	101°9	92°3	33	1°25	W	237
	June . . .	27°992	27°953	99°9	81°7	90°3	98°6	90°8	58	1°77	W	206
	July . . .	'948	'913	89°4	76°9	82°3	87°8	83°2	81	4°38	W	215
	August . . .	28°085	28°053	87°0	74°7	80°2	85°1	80°9	75	4°14	W	159
	September . .	'173	'127	94°3	75°1	85°3	92°0	84°7	56	1°48	W	132
	October . . .	'332	'285	93°2	65°2	84°7	90°8	79°1	43	0°37	W	59
	November . .	'451	'409	84°3	54°1	75°3	82°0	69°2	51	0°10	S E	37
	December . .	'448	'412	73°4	50°2	63°5	71°7	61°7	62	0°91	Calm	31
	Year . . .	28°239	'200	89°6	66°0	80°2	87°6	77°8	50	14°55	...	121
Mount Abu.	January . . .	26°130	?	?	?	?	?	?	Daily. ?	...	?	?
	February . . .	'144	26°137	71°5	56°5	67°0	69°2	64°0	30	...	W	110
	March . . .	'061	'044	74°6	60°3	69°0	72°4	67°5	38	0°17	W	147
	April . . .	'064	'041	85°4	68°8	79°5	83°2	77°1	32	0°54	W	169
	May . . .	25°974	25°953	88°0	70°6	81°1	86°4	79°3	39	...	W	263
	June . . .	'851	'829	82°3	67°3	75°7	79°9	74°8	75	5°51	S W	228
	July . . .	'800	'784	71°0	64°8	67°4	70°0	67°9	95	28°35	S W	337
	August . . .	'903	'890	69°0	62°6	65°4	67°6	65°8	94	27°87	S W	242
	September . .	'996	'979	74°9	63°8	71°9	73°2	69°4	73	2°17	W	158
	October . . .	26°135	26°107	78°2	64°3	74°6	75°9	71°3	42	...	N E & N W	115
	November . .	'187	'167	73°3	59°1	70°1	70°8	66°2	37	...	S E & N E	92
	December . .	'156	'145	66°7	52°5	62°7	63°1	59°6	49	0°02	S W & W	92
	Year . . .	26°033	?	?	?	?	?	?	?	64°63	...	?

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Station.	Month.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in in- ches.	WIND.	
		8 A.M.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Deesa.	January . . .	29'547	29'506	88'2	51'5	77'0	86'0	69'9	Daily.	29	?	?
	February . . .	'554	'508	90'5	57'2	80'3	88'4	73'9	25	...	W & N	202
	March . . .	'446	'390	94'7	65'7	84'0	91'9	80'2	33	0'01	S W	213
	April . . .	'379	'315	105'6	72'1	93'7	102'3	88'0	29	0'07	S W	231
	May . . .	'292	'221	107'3	76'9	92'4	105'6	92'1	39	...	S	326
	June . . .	'146	'090	101'4	80'3	90'7	99'2	90'9	54	1'42	S	397
	July . . .	'116	'078	88'9	76'7	82'8	87'0	82'8	?	5'60	S	321
	August . . .	'248	'202	86'3	73'6	80'3	84'1	80'0	78	6'55	S	251
	September . . .	'338	'283	94'5	72'1	85'3	93'0	83'3	62	1'09	W	176
	October . . .	'480	'416	98'5	66'0	89'4	96'1	82'3	40	...	N W	159
	November . . .	'571	'515	92'4	58'4	84'6	89'9	75'4	32	...	E & N E	171
	December . . .	'588	'527	84'7	54'1	74'9	82'0	69'4	43	0'02	N E	213
	Year . . .	29'392	'338	94'4	67'1	84'6	92'1	80'8	?	14'76	...	...
Indore.	January . . .	28'186	...	81'7	48'2	...	...	65'0	49	...	Calm	48
	February . . .	'176	...	86'5	54'1	...	...	70'3	39	...	Calm	48
	March . . .	'077	...	91'6	62'9	...	...	77'3	39	...	Calm & N E	72
	April . . .	'037	...	100'6	71'3	...	...	86'0	26	0'04	Calm & W	48
	May . . .	27'956	...	104'1	76'6	...	...	90'4	40	...	N W	144
	June . . .	'833	...	92'2	74'8	...	...	83'5	77	5'47	Calm & S W	120
	July . . .	'818	...	82'2	71'7	...	...	77'0	90	8'07	S W	144
	August . . .	'930	...	81'8	69'8	...	...	75'8	91	8'49	W	96
	September . . .	'977	...	86'2	69'5	...	...	77'9	83	7'34	N W	72
	October . . .	28'135	...	88'5	61'3	...	...	74'9	54	0'18	Calm	24
	November . . .	'221	...	84'7	54'6	...	...	69'7	50	0'03	Calm	24
	December . . .	'220	...	81'9	54'2	...	...	68'1	64	...	Calm	24
	Year . . .	28'047	...	88'5	64'1	...	...	77'3	59	29'62	...	71
Neemuch.	January . . .	28'380	...	81'4	48'6	...	...	65'0	8 A.M. 61	...	Calm	96
	February . . .	'379	...	84'4	54'2	...	...	69'3	44	...	N E	144
	March . . .	'264	...	90'3	64'5	...	...	77'4	41	...	N W	192
	April . . .	'227	...	100'7	72'4	...	...	86'6	28	0'04	Calm & N W	192
	May . . .	'121	...	104'6	77'6	...	...	91'1	47	0'01	S W	288
	June . . .	'033	...	97'5	77'0	...	...	87'3	71	2'31	S W	360
	July . . .	'040	...	84'1	73'0	...	...	78'6	86	11'16	S W	408
	August . . .	'144	...	83'6	71'1	...	...	77'4	85	2'43	S W	288
	September . . .	'152	...	89'9	70'2	...	...	80'1	73	3'18	W	216
	October . . .	'314	...	91'3	63'5	...	...	77'4	52	0'76	Calm & S W	96
	November . . .	'414	...	85'2	56'7	...	...	71'0	49	...	Calm & E	96
	December . . .	'412	...	79'7	51'8	...	...	65'8	64	...	N E	48
	Year . . .	28'240	...	89'4	65'0	...	...	77'2	58	19'89	...	202
Delhi.	January . . .	29'302	...	75'9	48'4	...	...	62'2	59	0'35	W & Calm	24
	February . . .	'295	...	79'7	53'2	...	...	66'5	47	...	W & Calm	72
	March . . .	'168	...	86'5	62'0	...	...	74'2	52	0'57	N	72
	April . . .	'098	...	101'1	74'3	...	...	87'7	33	0'84	S W	96
	May . . .	28'942	...	105'9	80'6	...	...	93'3	36	0'52	W	96
	June . . .	'796	...	103'2	81'6	...	...	92'4	56	1'67	N W & Calm	48
	July . . .	'756	...	91'7	79'5	...	...	85'6	82	13'85	Calm & S W	48
	August . . .	'895	...	91'1	78'2	...	...	84'6	78	8'98	Calm & W	48
	September . . .	'907	...	93'7	76'8	...	...	85'3	68	2'23	Calm & W	48
	October . . .	29'188	...	91'6	68'6	...	...	80'1	57	0'01	Calm & W	48
	November . . .	'350	...	83'1	56'4	...	...	69'8	50	...	Calm & W	72
	December . . .	'351	...	72'5	50'6	...	...	61'6	73	0'36	W	96
	Year . . .	29'095	...	89'7	67'5	...	...	78'6	58	29'38	...	64



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		8 M.A. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January	29°550	29°509	73°1	47°8	60°7	71°9	60°5	Daily. 55	0°84	NW	103
	February	°514	°479	76°1	50°0	64°0	75°2	63°1	43	...	NW	110
	March	°415	°375	82°9	58°5	73°3	81°6	70°7	47	1°90	NW	112
	April	°292	°241	101°3	71°8	92°3	99°7	86°6	27	0°02	NW	122
	May	°170	°109	106°2	78°9	90°7	103°9	92°6	30	0°08	NW	125
	June	°032	28°983	108°4	84°0	99°1	105°8	96°2	34	2°04	NW	173
	July	28°959	°922	100°2	83°0	93°1	96°6	91°6	59	4°11	SE	174
	August	29°086	29°053	89°3	77°5	84°7	87°0	83°4	81	8°73	NW	98
	September	°181	°139	88°2	76°5	84°0	85°3	82°4	84	14°64	NW	95
	October	°405	°364	88°4	67°2	82°3	87°1	77°8	63	0°97	NW	75
	November	°497	°621	83°6	56°1	75°3	82°3	69°9	53	...	NW	58
	December	°602	°558	75°3	47°8	65°3	74°7	61°6	55	...	NW	50
	Year	°309	°265	89°5	66°6	80°9	87°6	78°1	53	33°33	...	108
Pachbhadra.	January	29°723	Not available.	P	47°4	Not available.	Not available.	?	8 A. M. ?	?	Calm	126
	February	°704		P	P			P	83	0°35	NE	P
	March	P		P	P			P	P	...	P	P
	April	°440		102°9	68°9			85°9	45	0°28	Calm	168
	May	°346		106°2	77°6			91°9	43	1°33	SW	240
	June	°265		107°8	80°6			94°1	65	...	SW	360
	July	°126		101°3	80°5			90°7	70	7°15	SW	240
	August	°256		95°3	77°8			86°6	65	0°76	SW	240
	September	°373		99°4	76°7			88°1	63	0°46	SW	?
	October	°572		98°8	66°1			82°5	39	...	Calm	P
	November	°670		91°6	53°3			72°5	28	...	NE	P
	December	°758		83°9	45°3			64°7	35	...	Calm	96
	Year	P		P	P			?	P	10°33	...	?
Sirsa.	January	29°412	Not available.	67°3	43°2	Not available.	Not available.	55°3	?	?	W & Calm	96
	February	°373		69°8	45°5			57°7	78	...	Calm & N	120
	March	°277		79°8	53°2			66°5	72	0°92	N & Calm	141
	April	°164		98°5	65°9			82°2	54	...	N, W & NW	144
	May	°033		104°1	74°4			89°3	51	1°32	N, NW & W	144
	June	28°883		110°6	82°8			96°7	46	0°45	W & SW	216
	July	°817		104°8	84°6			94°7	57	4°12	W	240
	August	°037		99°6	80°9			90°3	71	0°65	SW	192
	September	29°053		98°4	78°4			88°4	76	2°09	E	144
	October	°255		94°5	65°1			79°8	74	0°06	S	120
	November	°352		87°5	52°8			70°2	74	...	W	96
	December	°459		77°3	42°7			60°0	76	...	Calm	48
	Year	°168		91°0	64°1			77°6	69	11°68	...	139
Bikaner.	January	28°768	Not available.	68°5	50°5	Not available.	Not available.	59°5	8 A.M. 70	0°45	N & NW	96
	February	°985		70°3	50°9			60°6	53	...	N, W & NW	120
	March	29°243		80°1	59°1			69°6	56	0°68	NE & NW	120
	April	°136		98°1	73°7			85°9	51	0°16	NW, N & NE	144
	May	°125		103°1	80°4			91°7	45	0°06	SW	144
	June	°094		109°3	84°4			96°9	42	0°02	SW	240
	July	°069		102°8	84°5			93°7	55	2°58	SW	240
	August	°140		99°0	81°9			90°5	58	0°91	SW	240
	September	°081		99°3	82°5			90°9	55	0°71	SW	168
	October	°003		95°1	72°8			84°0	41	...	SW	120
	November	28°926		87°1	63°0			75°1	37	...	SW	96
	December	°860		77°3	51°1			64°2	43	...	NE	72
	Year	29°036		90°8	69°6			80°2	51	6°47	...	151

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January . . .	28°630	28°602	72°8	47°1	63°5	70°5	60°0	Daily. 53	0°80	NW	72
	February . . .	601	569	75°9	47°6	66°3	73°8	61°8	39	...	NW	86
	March . . .	516	480	82°8	57°1	74°1	80°5	70°0	41	1°44	NW	91
	April . . .	426	384	99°8	69°5	91°2	97°4	84°7	28	0°04	NW	92
	May . . .	314	270	104°1	74°8	94°8	100°5	89°5	34	0°56	W	113
	June . . .	200	094	107°5	82°1	97°3	104°7	94°8	34	0°38	W	215
	July . . .	111	072	99°1	80°8	89°7	96°1	90°0	57	6°46	W	165
	August . . .	225	108	92°8	76°3	84°4	90°1	84°6	69	3°06	W	121
	September . . .	320	280	90°8	74°5	84°4	86°6	82°7	72	6°79	NW	85
	October . . .	520	480	91°8	65°4	84°0	89°1	78°6	49	0°69	NW & NE	61
	November . . .	604	565	86°7	52°7	78°3	83°7	69°7	41	...	NW	49
	December . . .	685	654	79°7	48°0	70°4	76°7	63°9	39	...	NW & SW	46
	Year . . .	430	392	90°3	64°7	81°5	87°5	77°5	46	20°22	...	100
Sambhar.	January . . .	28°789	Not available.	71°1	45°0	Not available.	Not available.	58°0	8 A.M. 71	0°97	Calm	960
	February . . .	761		73°6	46°2			59°9	51	...	Calm & N	120
	March . . .	670		82°0	55°0			68°5	52	0°66	Calm	168
	April . . .	587		98°4	68°3			83°4	32	0°04	Calm	168
	May . . .	474		102°7	76°6			89°7	39	0°25	W & NW	216
	June . . .	354		105°8	84°3			95°1	48	0°70	W	408
	July . . .	265		98°8	81°8			90°3	64	3°83	W	312
	August . . .	387		93°0	77°3			77°2	73	3°79	W	240
	September . . .	478		92°4	76°0			84°2	74	2°10	W & Calm	192
	October . . .	668		92°1	64°2			78°2	59	0°33	Calm	120
	November . . .	758		85°5	52°0			68°8	56	...	Calm	72
	December . . .	842		78°2	44°1			61°2	58	...	Calm	72
	Year . . .	586		89°5	64°2			76°9	56	12°67	...	182
Ajmere.	January . . .	28°455	28°427	71°6	46°3	60°6	69°9	59°0	Daily. 59	0°97	NW & Calm	40
	February . . .	434	405	74°8	48°7	64°2	73°2	61°8	43	...	W	85
	March . . .	351	310	81°9	57°7	73°7	80°1	69°8	52	0°97	NE, SW & Calm	77
	April . . .	265	217	98°5	70°0	90°1	96°3	84°3	40	0°25	W	118
	May . . .	157	113	102°9	79°3	93°7	100°1	91°1	44	0°33	W	181
	June . . .	049	010	104°7	83°5	93°5	103°0	94°1	47	0°10	W	336
	July . . .	27°945	27°905	95°6	79°8	86°5	13°2	87°7	66	3°77	W	259
	August . . .	28°067	28°027	92°4	76°4	83°4	90°6	84°4	69	1°22	W	240
	September . . .	158	110	93°7	77°1	85°4	91°8	85°4	65	1°20	W	195
	October . . .	346	300	94°2	66°3	85°9	92°2	80°3	48	0°12	W	100
	November . . .	439	399	86°5	52°6	77°3	84°6	69°6	53	...	NE	48
	December . . .	512	473	79°3	46°8	67°9	77°5	63°1	61	...	S	38
	Year . . .	348	225	89°7	?	80°2	87°7	?	54	8°93	...	143
Mount Abu.	January . . .	26°158	26°137	64°6	50°1	60°7	61°4	57°4	48	1°14	NE	103
	February . . .	145	125	64°7	50°6	60°5	62°6	57°7	36	...	N & NE	154
	March . . .	093	069	70°0	56°0	65°3	68°0	63°0	38	0°66	NE	157
	April . . .	075	049	84°1	68°0	78°8	82°1	76°1	28	...	W	168
	May . . .	001	25°976	87°1	70°9	81°6	85°6	79°0	37	0°11	W	180
	June . . .	25°924	909	86°2	68°4	77°5	85°2	77°3	56	1°52	SW	284
	July . . .	807	791	77°5	65°9	71°0	76°4	71°7	83	26°00	SW	268
	August . . .	890	860	72°5	64°0	68°4	71°6	68°3	88	10°31	W & SW	234
	September . . .	983	961	75°8	64°5	71°3	74°1	70°2	80	2°28	W	205
	October . . .	26°143	26°116	78°8	65°3	74°6	77°0	72°1	41	0°02	W, NW & N	122
	November . . .	289	159	74°6	58°9	71°7	72°2	66°8	33	...	NE	87
	December . . .	218	194	70°2	54°3	67°1	67°4	62°3	34	...	NW	63
	Year . . .	060	030	75°5	61°4	70°7	72°0	68°5	50	42°04	...	169

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	29'607	29'555	83'5	51'9	72'7	81'4	67'7	Daily. 35	0'59	NE NE, W & N W	220 218
	February . . .	'595	'546	85'3	53'6	74'5	83'3	69'5	30	...		
	March . . .	'498	'448	91'2	61'2	82'1	88'9	76'2	25	0'09	N & W	217
	April . . .	'408	'355	104'2	71'7	92'1	101'6	88'0	27	...	SW	219
	May . . .	'311	'254	107'7	78'9	95'2	106'0	93'3	36	...	N	281
	June . . .	'235	'181	105'9	81'1	93'0	104'5	93'5	48	...	NW	462
	July . . .	'112	'065	9'9	78'8	86'9	94'8	87'9	61	8'57	NW	398
	August . . .	'233	'188	90'7	75'8	83'4	88'9	83'3	71	2'42	NW	321
	September . . .	'318	'265	96'4	76'8	86'9	93'1	86'6	61	1'57	W	249
	October . . .	'492	'433	99'6	68'6	90'4	97'4	84'1	38	...	W	177
	November . . .	'569	'507	95'1	58'4	86'4	92'7	76'8	26	...	E & NE	167
	December . . .	'645	'584	89'5	54'3	79'5	86'0	71'9	28	...	E	185
	Year . . .	'419	'365	95'5	67'6	85'3	93'3	81'6	40	13'24	...	260
Indore.	January . . .	28'230	Not available.	79'8	48'5	Not available.	Not available.	64'2	8 A.M. 55	...	Calm	48
	February . . .	'211		81'1	50'3			65'7	42	...	Calm	48
	March . . .	'123		88'4	58'2			73'4	34	...	Calm	48
	April . . .	'065		100'8	70'2			85'5	31	0'08	N W & Calm	72
	May . . .	27'061		101'9	75'5			88'7	38	...	W	96
	June . . .	'897		99'0	77'4			88'2	62	2'61	W	216
	July . . .	'789		86'9	72'8			79'9	85	7'46	W	168
	August . . .	'896		81'0	70'6			75'8	91	8'54	W	120
	September . . .	'953		82'5	70'0			76'3	89	8'02	W & NW	120
	October . . .	28'140		86'7	62'6			74'7	66	0'72	Calm	48
	November . . .	'200		82'8	50'0			66'4	48	...	Calm	48
	December . . .	'270		79'5	45'4			62'5	48	...	Calm	48
	Year . . .	'061		87'5	62'6			75'1	55	28'33	...	91
Neemuch.	January . . .	28'425	Not available.	77'0	47'8	Not available.	Not available.	62'4	62	2'82	N	144
	February . . .	'406		77'8	50'5			64'2	45	...	Calm & N E	192
	March . . .	'315		85'0	58'0			71'6	43	0'30	NW, & Calm	168
	April . . .	'241		99'3	70'7			85'0	45	0'05	SW	192
	May . . .	'146		102'6	78'0			90'3	54	...	SW	240
	June . . .	'059		102'7	79'6			91'2	65	...	SW	408
	July . . .	27'940		92'6	75'3			84'0	81	6'20	SW	264
	August . . .	28'058		85'4	72'8			79'6	85	9'73	W & SW	312
	September . . .	'134		87'4	72'1			79'7	85	3'97	W	288
	October . . .	'330		89'9	65'1			77'5	62	0'27	SW & W	168
	November . . .	'406		85'2	53'2			69'2	51	...	Calm	120
	December . . .	'473		79'7	49'0			64'4	49	...	E	120
	Year . . .	'378		88'7	64'3			76'6	60	23'34	...	218
Delhi.	January . . .	29'363	Not available.	69'7	47'8	Not available.	Not available.	58'7	75	1'20	W	120
	February . . .	'334		71'4	49'6			60'5	63	0'14	W	120
	March . . .	'231		79'9	58'5			69'2	62	0'08	W	96
	April . . .	'109		97'3	71'8			84'5	44	0'30	W	96
	May . . .	28'085		100'1	78'3			89'2	43	1'56	Calm	72
	June . . .	'854		105'1	83'0			94'1	48	0'78	W	120
	July . . .	'683		100'5	84'3			92'4	59	4'90	W, E & SE	48
	August . . .	'904		87'6	78'2			82'9	86	18'40	Calm	72
	September . . .	29'014		88'4	77'5			82'9	85	6'68	Calm	48
	October . . .	'221		86'1	68'6			77'4	71	0'46	Calm	48
	November . . .	'305		80'3	58'2			69'3	65	0'10	Calm	24
	December . . .	'406		72'1	48'0			60'1	64	...	Calm	24
	Year . . .	'126		86'5	67'0			76'7	64	35'50	...	74



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean max- mum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Agra.	January . . .	29'545	29'505	75'8	50'6	63'7	73'9	63'2	Daily. 62	0'68	N W	75
	February . . .	'408	'370	81'2	55'6	69'6	79'4	68'4	53	0'14	N W	104
	March . . .	'289	'239	96'7	64'7	85'1	95'2	80'7	32	...	N W	109
	April . . .	'134	'128	108'4	78'3	98'4	106'2	93'4	34	...	N W	124
	May . . .	'105	'043	108'6	84'5	99'8	105'4	96'6	28	0'86	N W	160
	June . . .	'036	28'979	104'6	85'7	96'9	101'4	95'2	42	0'56	N W	165
	July . . .	28'963	'917	93'2	80'5	87'2	89'2	86'9	76	9'41	S E	130
	August . . .	29'077	29'039	89'0	78'4	85'2	84'8	83'7	83	6'06	Variable.	60
	September . . .	'161	'112	89'7	77'3	85'4	86'7	83'5	79	3'29	N E, S E & N W	103
	October . . .	'367	'315	90'8	65'7	83'6	89'0	78'3	50	...	N W	72
	November . . .	'472	'427	84'2	54'2	74'8	82'0	69'2	41	...	N W	77
	December . . .	'586	'542	74'6	47'8	64'3	72'2	61'2	51	0'81	N W	75
	Year . . .	'266	'218	91'4	68'6	82'8	88'8	80'0	53	21'81	...	105
Pachbhadra.	January . . .	29'682		80'5	48'6			64'6	8 A.M. 60	0'39	Calm	144
	February . . .	'582		86'3	52'1			69'2	44	...	Calm	120
	March . . .	'402		99'3	59'5			79'4	32	...	Calm	144
	April . . .	'386		109'7	72'3			91'0	36	...	Calm & S W	216
	May . . .	'317	Not available.	104'0	77'5	Not available.	Not available.	90'8	71	2'10	S W	384
	June . . .	'228		105'5	81'0			93'3	67	1'03	S W & Calm	312
	July . . .	'123		98'5	80'9			89'7	72	3'43	Calm	?
	August . . .	'247		91'5	77'3			84'4	80	8'61	Calm & S W	288
	September . . .	'310		94'1	75'2			84'7	79	2'15	Calm	192
	October . . .	'491		96'3	63'1			79'7	56	...	Calm	120
	November . . .	'635		89'5	50'3			69'9	47	...	Calm?	48
	December . . .	'739		80'4	47'1			63'8	57	0'38	Calm	192
	Year . . .	'436		94'6	65'4			80'0	58	18'09		?
Sirsā.	January . . .	29'409		73'5	44'9			59'2	8 A.M. 78	0'77	Calm & E	96
	February . . .	'272		78'0	50'2			64'1	73	0'10	E & S	120
	March . . .	'154		95'3	59'6			77'5	61	...	S	168
	April . . .	'040		108'8	73'0			90'9	32	...	W	168
	May . . .	28'943		108'0	80'8			94'4	42	0'97	W	216
	June . . .	'889		106'9	84'4			95'7	49	1'12	W	192
	July . . .	'816		99'6	82'8			91'2	72	7'77	S E & W	192
	August . . .	'921		93'5	78'9			86'2	87	8'13	S E	120
	September . . .	29'026		93'0	76'3			84'7	85	4'32	E, W & Calm	72
	October . . .	'216		94'0	61'5			77'8	60	...	Calm	72
	November . . .	'324		84'7	49'1			66'9	61	...	Calm	24
	December . . .	'442		74'1	42'1			58'1	70	0'63	Calm	72
	Year . . .	'121		91'6	65'2			78'5	64	23'81	...	127
Bikaner.	January . . .	29'308		73'4	51'8			62'6	8 A.M. 51	0'42	N E	120
	February . . .	'161		79'0	55'2			67'1	44	0'01	S E	120
	March . . .	'066		94'4	67'7			81'1	21	...	S W	144
	April . . .	28'977		105'5	79'7			92'6	26	...	S W	168
	May . . .	'885		105'8	83'2			94'5	44	0'09	S W	240
	June . . .	'816		105'9	85'1			95'5	49	3'01	S W	216
	July . . .	'723		100'1	83'3			91'7	63	7'27	S W & S	120
	August . . .	'829		93'9	79'9			86'9	72	2'96	S W	168
	September . . .	'924		95'6	77'5			86'6	71	3'45	S W	144
	October . . .	29'134		93'9	68'7			81'3	48	0'14	S W	96
	November . . .	'243		84'2	58'3			71'3	41	...	S W	96
	December . . .	'350		72'6	48'3			60'5	57	1'50	N E, S W & N	72
	Year . . .	'035		92'0	69'9			81'0	49	18'85	...	142

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean max. num.	Mean min. num.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Jeypore.	January	28°629	28°594	75°9	52°3	67°3	73°7	64°1	Daily 53	2°57	E	64
	February	°510	°473	81°6	55°1	72°1	79°5	68°4	40	0°10	N W	86
	March	°432	°392	96°0	62°2	85°9	94°0	79°1	24	...	N W	103
	April	°351	°299	106°6	74°0	97°4	104°2	90°3	21	...	W	136
	May	°272	°225	105°1	77°7	94°9	102°8	91°4	32	0°81	W	165
	June	°195	°150	103°4	80°7	94°3	99°4	92°1	43	3°79	W	120
	July	°111	°077	93°0	79°0	86°7	89°3	86°5	71	13°96	W & N W	93
	August	°217	°185	88°6	75°6	82°7	83°9	82°1	83	21°83	N W	67
	September	°291	°249	89°6	74°2	82°4	86°3	81°9	76	12°06	N W	75
	October	°493	°451	92°1	63°0	85°2	88°9	77°6	45	...	N W	57
	November	°577	°542	84°8	53°4	77°1	81°1	69°1	40	0°02	N W	87
	December	°661	°631	75°6	48°8	67°1	72°5	62°2	44	0°13	E & N W	99
	Year	°395	°356	91°1	66°3	82°8	88°0	78°7	48	55°27	...	97
Sambhar.	January	28°785		75°3	47°9			61°6	8 A.M. 69	0°83	Calm	144
	February	°667		80°8	51°6			66°2	60	0°02	Calm	120
	March	°588		94°1	60°7			77°4	29	...	Calm	144
	April	°509		105°0	75°3			90°2	23	...	W	210
	May	°428		104°0	80°6			92°3	45	0°60	W	360
	June	°349		102°5	83°0			92°8	51	1°69	W	288
	July	°264		95°2	79°5			87°4	74	10°50	W	210
	August	°369		87°2	76°1			81°7	86	12°24	W	120
	September	°443		88°3	74°6			81°5	84	13°98	W	192
	October	°651		89°8	62°8			76°3	60	...	W	96
	November	°734		82°7	50°6			66°7	60	...	Calm	72
	December	°822		73°7	44°2			59°0	65	0°09	N	96
	Year	°551		89°9	65°6			77°8	42	39°95	...	175
Ajmere.	January	28°453	28°416	76°7	51°2	64°6	74°2	64°0	Daily 63	1°19	NE, S & S W	72
	February	°342	°309	81°9	54°3	70°5	79°9	68°1	50	...	W	90
	March	°274	°228	95°0	62°4	80°1	93°1	78°7	40	...	W	125
	April	°192	°138	104°6	78°0	95°7	102°7	91°3	41	...	W	212
	May	°118	°072	103°4	81°1	92°2	101°3	92°3	?	0°40	W	311
	June	°036	27°997	100°9	83°0	92°3	99°2	92°0	53	0°68	W	267
	July	27°947	°904	92°8	79°2	86°1	90°9	86°0	70	5°08	W	209
	August	28°050	28°018	86°9	75°8	81°3	84°6	81°4	83	7°09	W	164
	September	°120	°083	86°2	74°2	80°7	83°9	80°2	82	6°36	W	144
	October	°322	°282	88°5	61°9	81°4	87°3	75°2	56	...	W	80
	November	°403	°368	83°1	50°0	73°8	81°7	66°6	49	...	N, NE & W	57
	December	°485	°448	75°0	46°0	64°2	73°0	60°5	57	0°07	NE	63
	Year	°229	°189	89°6	66°4	80°7	87°7	78°0	?	20°87	...	150
Mount Abu.	January	26°155	26°131	68°7	54°0	64°3	65°6	61°4	48	0°78	S W & W	98
	February	°088	°066	70°4	56°4	65°1	68°2	63°4	36	0°03	W	136
	March	°070	°045	82°3	65°6	76°7	79°9	74°0	21	...	N	135
	April	°077	?	89°4	72°8	82°2	87°3	81°1	27	...	W & N W	186
	May	?	?	85°6	68°1	78°6	84°0	76°9	45	1°92	W & S W	229
	June	25°780?	25°763	83°8	68°0	76°0	81°0	75°9	67	4°14	S W	213
	July	?	?	75°7	66°6	71°4	73°0	71°2	91	19°64	S W	251
	August	?	?	71°8	65°0	68°3	69°5	68°4	95	38°22	S W & W	181
	September	?	25°813	73°1	64°0	69°9	70°5	68°6	85	34°63	W & N W	172
	October	?	?	75°6	62°3	73°0	73°3	69°0	53	0°59	NE & E	86
	November	?	?	70°7	55°6	68°3	68°3	63°2	39	...	W	68
	December	?	?	66°4	52°6	63°1	63°2	60°0	47	0°18	N W	91
	Year	?	?	76°1	62°6	71°4	73°7	69°4	55	100°13	...	154

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Decca.	January . . .	29°57'9	29°51'6	87°5	57°1	76°2	84°2	72°3	Daily. 35	0°55	Variable	204
	February . . .	506	445	91°0	58°8	79°4	88°7	74°9	32	...	S & S E	184
	March . . .	430	363	103°1	65°0	90°0	100°4	84°1	21	...	S W & S	206
	April . . .	356	286	110°1	76°5	97°8	107°8	93°3	26	...	S E	264
	May . . .	308	248	106°3	77°9	91°2	104°3	92°1	43	...	?	357
	June . . .	205	149	105°1	81°5	92°3	103°0	93°3	46	0°29	S W & S	415
	July . . .	084	048	93°9	78°5	85°2	90°1	86°2	72	15°12	S & S E	419
	August . . .	207	152	89°4	77°2	83°3	86°5	83°3	78	7°86	S W	244
	September . . .	277	231	89°7	74°7	82°2	86°6	82°2	74	15°06	W	196
	October . . .	451	398	93°0	66°3	86°6	91°3	79°7	48	0°37	E & S W	146
	November . . .	551	504	90°1	53°9	80°9	88°1	72°0	28	...	E	?
	December . . .	630	580	84°7	52°0	74°3	82°3	68°4	28	0°07	N E	194
	Year . . .	382	327	95°3	68°3	85°0	92°8	81°8	44	39°32	...	?
Indore.	January . . .	28°21'0		81°0	51°0			66°5	8 A.M. 76	0°65	Calm & S E	72
	February . . .	121		84°6	51°8			68°2	54	0°2-	Calm	72
	March . . .	060		95°3	58°6			77°0	35	...	Calm	72
	April . . .	27°9'6		104°3	72°6			88°5	28	...	N W	120
	May . . .	058	Not available.	101°0	74°4	Not available.	Not available.	88°2	65	0°05	W	168
	June . . .	863		95°8	74°2			85°0	73	5°07	W	72
	July . . .	781		87°1	73°0			80°1	87	6°38	S W	144
	August . . .	872		83°7	72°1			77°9	92	8°08	W & S W	96
	September . . .	921		81°6	70°0			75°8	92	13°85	N W	120
	October . . .	28°08'6		87°3	63°2			75°3	66	0°25	Calm, N & E	48
	November . . .	174		82°4	50°9			66°7	51	0°50	Calm	24
	December . . .	239		79°6	50°3			65°0	61	0°31	Calm	48
	Year . . .	023		88°7	63°6			76°2	65	35°36	...	89
Neemuch.	January . . .	28°41'5		79°4	52°5			66°0	8 A.M. 58	0°10	E	168
	February . . .	315		84°0	54°6			69°3	48	0°19	Calm & N W	168
	March . . .	251		95°4	62°8			79°1	30	...	W	192
	April . . .	184		104°8	77°2			91°0	22	...	N W	264
	May . . .	127		103°5	77°8			90°7	60	0°11	S W & W	384
	June . . .	043		99°3	77°3			88°3	70	1°69	W	335
	July . . .	27°9'51		90°7	75°3			83°0	78	8°97	W	360
	August . . .	28°05'2		85°2	73°6			79°4	88	11°54	S W	240
	September . . .	100		84°9	71°9			78°4	88	12°15	W & S W	216
	October . . .	299		88°6	63°9			76°3	53	...	N E & E	120
	November . . .	387		83°9	52°1			68°0	40	...	Calm	96
	December . . .	459		77°7	49°4			63°6	51	1°27	N E	120
	Year . . .	215		89°8	65°7			77°8	57	36°02	...	223
Delhi.	January . . .	0°26'6		71°4	50°1			60°8	8 A.M. 70	0°40	Calm & W	48
	February . . .	224		76°0	54°5			65°3	64	1°05	Calm	72
	March . . .	103		91°8	65°5			78°7	32	...	W	96
	April . . .	008		105°6	78°7			92°2	37	...	W	72
	May . . .	28°9'24		106°6	84°5			95°6	38	1°19	W	72
	June . . .	887		103°3	84°9			94°1	49	0°82	S E & W	96
	July . . .	793		95°4	81°4			88°4	76	7°16	S E	96
	August . . .	911		87°5	78°6			83°1	88	12°40	Calm & S E	72
	September . . .	091		89°1	76°8			83°0	85	2°41	Calm	72
	October . . .	29°18'4		88°8	67°2			78°0	54	...	Calm	48
	November . . .	272		81°2	56°0			68°6	50	...	W	48
	December . . .	378		70°9	48°9			59°9	59	0°13	Calm & W	48
	Year . . .	086		89°0	68°9			79°0	59	25°56	...	70



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Stations.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		S. A. M. mean.	Mean daily.	Mean max- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January .	29'497	29'459	78'0	48'9	59'6	66'6	63'5	Daily. 66	0'52	N W	94
	February .	'515	'490	67'9	48'5	59'3	66'6	58'2	58	0'65	N W	108
	March .	'416P	'366	85'2	59'5	75'5	83'8	72'4	44	0'40	N W	110
	April .	'231	'173	103'3	74'2	93'6	101'5	88'8	27	...	N W	130
	May .	'156	'103	103'4	79'8	94'0	100'5	91'6	40	1'17	N W	135
	June .	'048	22'998	101'4	82'5	93'2	98'4	92'0	53	1'77	N E.	171
	July .	'031	'998	88'8	78'0	84'1	86'2	83'4	79	12'09	S W & N W	131
	August .	'086	29'043	93'3	78'9	88'1	89'5	86'1	73	3'89	N W & S E	114
	September .	'168	'123	89'8	75'8	83'7	87'5	82'8	73	3'72	N W	112
	October .	'355	'304	90'8	65'6	82'6	88'8	78'2	51	1'43	N W	76
	November .	'534	'482	81'1	57'2	73'0	79'3	69'2	52	0'54	N W	67
	December .	'560	'517	76'1	50'2	66'1	74'9	63'2	53	...	N W	64
	Year .	'300	'255	87'4	66'6	79'5	85'2	77'0	56	26'18	...	109
Pachbhadra.	January .	29'674	Not available.	74'5	43'8	Not available.	Not available.	59'2	S. A. M. 63	0'55	Calm	96
	February .	'675		73'8	45'2			59'5	59	0'25	Calm	96
	March .	'582		91'2	57'1			74'2	44	0'15	Calm	?
	April .	'429		106'1	70'3			88'2	47	0'11	Calm & S	168
	May .	'332		105'2	77'7			91'5	61	1'40	S W	264
	June .	'192		104'0	78'9			91'5	71	6'36	S & S W	283
	July .	'197		91'0	75'7			83'4	79	15'05	S & S W	300
	August .	'289		94'1	76'0			85'1	73	5'60	Calm	146
	September .	'334		91'3	73'1			82'2	83	17'51	S W	106
	October .	'545		94'8	62'7			78'8	54	...	Calm	102
	November .	'692		85'6	55'8			70'7	62	1'32	Calm	?
	December .	'691		84'1	48'5			66'3	54	...	Calm	19?
	Year .	'469		91'3	63'7			77'5	63	48'30	...	?
Sirsa.	January .	29'341	Not available.	65'3	43'3	Not available.	Not available.	54'3	S. A. M. 91	1'42	Calm	72
	February .	'372		63'4	42'7			53'1	86	1'42	Calm	48
	March .	'262		82'9	53'6			68'3	67	0'02	Calm	96
	April .	'076P		101'6	68'0			84'8	50	0'05	Calm	168
	May .	'000P		105'5	78'2			91'9	49	0'58	S E, S N & W	192
	June .	28'097		104'9	81'8			93'4	52	3'12	S W & S E	185
	July .	'862		95'8	79'5			87'7	78	6'16	W	204
	August .	'935		102'7	80'5			91'6	65	0'87	W	149
	September .	29'014		96'1	76'0			86'1	76	3'79	W & S E	151
	October .	'206		96'1	62'5			79'3	57	...	Calm	08
	November .	'409		83'4	50'2			66'8	66	...	Calm	46
	December .	'422		77'9	44'2			61'1	71	0'27	Calm	46
	Year .	'150		89'6	63'4			76'5	67	17'70	...	122
Bikaner.	January .	29'256	Not available.	66'6	P	Not available.	Not available.	P	S. A. M. 71	0'81	N W & S W	96
	February .	'281		66'0	P			P	68	0'46	N E	96
	March .	'169		85'1	P			P	42	0'04	S W	120
	April .	'009		102'1	77'8			90'0	32	0'13	S W	144
	May .	28'917		104'1	78'4			91'3	43	0'93	S W	192
	June .	'799		104'2	82'9			93'6	52	1'06	S W	175
	July .	'784		95'2	79'5			87'4	71	4'44	S & S W	194
	August .	'867		98'9	81'1			90'0	67	3'10	S W	173
	September .	'933		95'2	79'2			87'2	66	1'15	S W	199
	October .	29'139		95'1	71'9			83'5	44	...	S W	120
	November .	'312		82'6	60'2			71'4	52	0'51	N & N E	74
	December .	'329		79'1	54'3			66'7	48	0'18	N W	60
	Year .	'066		87'9	P			P	55	12'81	...	137

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity miles per day.
Jeypore.	January . . .	28°57'1	28°54'2	68°6	46°5	60°4	67°2	57°6	Daily 60	1°07	N W & E	102
	February . . .	°590	°564	68°8	46°0	60°0	66°5	57°4	54	0°66	N W & N	64
	March . . .	°521	°480	85°2	58°2	76°3	83°3	71°7	42	0°94	N W	75
	April . . .	°374	°327	101°4	70°1	92°4	99°3	85°8	32	0°16	N W	111
	May . . .	°296	°248	103°3	76°1	93°5	100°3	89°7	38	0°80	S W	125
	June . . .	°182	°142	98°5	78°7	90°8	94°7	88°6	57	3°63	S W	110
	July . . .	°175	°143	89°0	74°7	82°3	86°5	81°9	77	10°30	S W	124
	August . . .	°237	°202	93°6	75°6	86°0	89°9	84°6	68	6°08	S W	96
	September . . .	°306	°267	90°3	72°6	82°9	86°8	81°5	69	4°51	S W	104
	October . . .	°489	°448	93°2	62°4	85°7	90°4	77°8	40	0°06	W	60
	November . . .	°645	°601	80°5	56°0	73°9	77°3	68°3	51	2°40	N E	37
	December . . .	°660	°624	78°1	49°9	70°0	75°2	64°0	48	0°09	S W	36
	Year . . .	°421	°383	87°5	63°9	79°5	84°8	75°7	53	30°70	...	87
Sambhar.	January . . .	28°729		68°0	42°8			55°4	8 A. M. 80	0°86	Calm	120
	February . . .	°745		66°9	45°2			56°1	72	0°54	N & N E	144
	March . . .	°675		83°6	55°8			69°7	55	0°31	N	168
	April . . .	°530		99°5	70°2			84°9	42	...	W	192
	May . . .	°447		101°0	77°2			89°1	52	2°22	W	216
	June . . .	°335		98°4	79°5			89°0	61	2°34	W	190
	July . . .	°324		87°9	75°6			81°8	82	10°27	W	180
	August . . .	°302		93°3	76°3			84°8	75	6°65	W	185
	September . . .	°455		88°9	73°6			81°3	77	3°83	W	235
	October . . .	°642		90°9	62°1			76°5	54	0°02	W	108
	November . . .	°800		79°7	54°4			67°1	63	1°75	Calm & N	84
	December . . .	?		76°6	47°2			61°9	69	0°12	Calm & W	94
	Year . . .			86°3	63°3			74°8	67	28°91	...	161
Ajmere.	January . . .	28°392	28°356	69°1	44°1	59°3	67°8	56°6	Daily 65	1°53	S W, N & N E	76
	February . . .	°409	°379	68°0	47°1	58°7	66°5	57°6	62	0°67	N E, S & W	87
	March . . .	°345	°300	84°4	57°9	75°6	82°6	71°2	48	0°30	W	125
	April . . .	°214	°166	100°4	73°5	91°3	99°0	87°0	33	...	W	199
	May . . .	°137	°091	101°5	79°3	91°8	99°0	90°4	43	0°45	W	250
	June . . .	°018	27°083	98°0	80°4	90°0	95°0	89°2	58	4°19	W	187
	July . . .	°011	°978	85°6	75°4	80°4	84°7	80°5	80	8°40	W	219
	August . . .	°081	28°047	88°7	76°0	82°1	87°1	82°4	76	8°21	W	202
	September . . .	°136	°104	85°1	73°4	79°5	84°4	79°3	79	7°15	W	193
	October . . .	°327	°289	88°5	60°7	81°2	87°5	74°6	57	0°07	W	70
	November . . .	°472	°432	78°7	54°8	70°6	76°9	66°8	64	1°86	N E, & S E	49
	December . . .	°490	°451	76°6	46°5	64°5	75°5	61°6	61	...	S E	43
	Year . . .	°253	°215	85°4	64°1	77°1	83°8	74°8	61	32°83	...	142
Mount Abu.	January . . .	26°072	26°061	61°4	47°4	57°4	58°9	54°4	45	0°37	N E	125
	February . . .	°080	°064	59°4	45°8	54°5	57°5	52°6	51	0°78	N E	138
	March . . .	°083	°058	73°4	58°4	68°6	71°6	65°9	39	0°40	N E & N	157
	April . . .	°044	°015	85°5	69°9	80°2	84°0	77°7	29	...	W & N W	168
	May . . .	25°064	25°040	84°1	67°4	77°7	82°0	75°8	56	2°03	S W & W	202
	June . . .	°846	°829	80°1	67°9	76°1	77°7	74°0	73	24°15	S W	202
	July . . .	°822	°808	70°3	63°8	66°7	69°4	67°1	95	39°73	S W	208
	August . . .	°885	°868	71°7	64°0	68°3	70°4	67°9	92	8°47	S W & W	206
	September . . .	°927	°907	70°7	62°5	67°7	69°2	66°6	89	50°31	S W	248
	October . . .	26°098	26°070	74°6	61°3	72°7	72°4	68°0	52	0°76	N E & S W	130
	November . . .	°168	°138	69°2	57°4	66°7	66°5	63°3	59	3°30	N E	116
	December . . .	°190	°162	68°5	54°1	66°2	65°6	61°3	45	...	N E	86
	Year . . .	°006	25°992	72°4	60°0	68°6	70°4	66°2	60	130°30	...	173

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A. M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January .	29°545	29°487	80°0	49°5	69°9	77°9	64°8	Daily. 34	0°03	N	218
	February .	°567	°521	78°9	50°2	69°3	76°7	64°6	40	0°19	N & N E	227
	March .	°474	°420	94°1	62°1	83°7	92°2	78°1	31	0°25	S W, W & N W	206
	April .	°371	°307	105°1	71°9	92°2	103°6	88°5	32	...	W	231
	May .	°290	°225	104°7	78°6	91°9	103°4	91°7	44	...	W	334
	June .	°151	°105	98°0	78°9	89°2	95°9	88°5	59	9°08	W	367
	July .	°156	°119	87°4	75°3	81°8	85°4	81°4	81	13°59	S W	?
	August .	°230	°187	89°0	75°4	83°2	87°5	82°2	74	2°93	S W	223
	September .	°282	°240	87°9	72°7	82°3	86°1	80°3	74	21°91	S W	253
	October .	°461	°400	94°4	64°0	87°1	92°2	79°2	49	...	N E & N	142
	November .	°579	°527	86°1	61°9	78°9	84°1	74°0	50	1°55	N E & E	204
	December .	°616	°566	86°3	54°4	76°3	84°5	70°4	43	...	E	169
	Year .	°394	°342	91°0	66°2	82°2	89°1	78°6	51	49°53	...	?
Indore.	January .	28°165	Not available.	75°0	47°4	Not available.	Not available.	61°2	8 A. M. 73	0°33	Calm	48
	February .	°175		74°6	47°7			61°2	61	0°23	Calm & N	77
	March .	°123		87°3	57°4			72°4	56	0°22	N	72
	April .	°029		100°1	69°5			84°8	47	0°38	W & N	120
	May .	27°061		100°3	74°6			87°5	63	1°53	W & N W	144
	June .	°845		91°2	73°9			82°6	82	14°63	W	132
	July .	°865		84°3	71°0			77°7	90	3°40	W & S W	142
	August .	°892		82°7	70°4			76°6	92	8°40	W	134
	September .	°953		82°7	68°9			75°8	90	7°92	W	110
	October .	28°101		87°0	59°1			73°1	66	...	Calm	38
	November .	°210		81°7	58°8			70°3	76	2°76	E & N	55
	December .	°249		78°7	49°0			63°9	71	...	Calm	29
	Year .	°047		85°5	62°3			73°9	72	39°80	...	86
Neemuch.	January .	28°366	Not available.	72°3	47°3	Not available.	Not available.	59°8	8 A. M. 62	0°19	N E	144
	February .	°382		72°9	48°1			60°5	58	0°50	N E	168
	March .	°332		85°6	58°7			72°2	41	0°36	N E	192
	April .	°218		100°4	70°8			85°6	36	0°02	S W	240
	May .	°134		100°8	76°6			88°7	46	0°74	W	288
	June .	°012		94°6	76°3			85°5	66	13°08	W	276
	July .	°019		85°2	72°5			78°9	85	10°48	W	367
	August .	°073		85°1	72°3			78°7	86	14°14	W	233
	September .	°128		84°4	70°1			77°3	85	9°39	W	274
	October .	°303		89°2	61°2			75°2	52	0°05	Calm	127
	November .	°434		80°3	58°7			69°5	64	2°41	E	137
	December .	°452		78°7	50°2			64°5	56	...	E	103
	Year .	°233		85°8	63°6			74°7	61	43°49	W & N E	214
Delhi.	January .	29°289	Not available.	64°0	47°5	Not available.	Not available.	55°8	8 A. M. 85	1°49	Calm & W	48
	February .	°306		63°6	47°0			55°3	80	2°11	Calm	48
	March .	°213		77°8	58°6			68°2	64	1°42	Calm	48
	April .	°042		96°4	72°3			84°4	45	0°32	S E, W & Calm	72
	May .	28°068		99°8	78°1			89°0	49	1°54	Calm	96
	June .	°865		98°3	70°7			84°5	64	6°06	S E	108
	July .	°832		89°1	78°2			84°7	81	12°80	Calm & W	89
	August .	°898		93°6	79°7			86°7	72	2°93	W & S E	74
	September .	°975		88°8	76°2			82°5	77	3°14	Calm	70
	October .	29°157		89°5	67°9			78°7	55	0°16	Calm	24
	November .	°342		77°9	56°6			67°3	60	0°39	Calm	22
	December .	°358		72°9	50°4			61°7	69	...	Calm	22
	Year .	°104		84°3	66°1			75°2	67	33°26	...	60



1894.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean max. num.	Mean min. num.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Agra.	January . . .	29°51'0	29°47'8	71°0	50°1	61°9	70°0	60°6	Daily.	63	N W	96
	February . . .	'483	'443	77°1	54°3	67°4	75°7	65°7	59	0°06	N W	90
	March . . .	'360	'311	80°8	65°0	79°3	88°6	77°4	37	0°45	N W	110
	April . . .	'215	'157	103°9	72°5	94°3	102°0	88°2	23	...	N W	104
	May . . .	'087	'030	110°4	82°3	101°5	106°8	96°4	25	0°40	N W	167
	June . . .	28°97'9	28°92'3	102°1	83°4	94°9	98°0	92°8	55	2°65	N W	143
	July . . .	29°00'8	'960	91°9	79°3	86°6	88°9	85°6	76	5°44	S E	130
	August . . .	'024	'988	88°4	78°0	83°5	85°7	83°2	82	19°18	N W	113
	September . . .	'151	29°102	90°7	75°9	86°4	88°8	83°3	74	2°27	N W	103
	October . . .	'305	'255	90°2	67°1	83°2	88°7	78°7	55	0°92	N W	66
	November . . .	'508	'464	82°2	55°7	74°8	79°9	69°0	53	0°84	N W	60
	December . . .	'542	'505	71°5	50°6	64°1	60°1	61°1	69	2°01	N W	72
	Year . . .	'264	'219	89°1	67°5	81°5	86°9	78°3	56	35°76	...	105
Pachbhadra.	January . . .	29°7'12		76°7	46°6			61°7	8 A.M.	66	N, N W & N E	60
	February . . .	'678		83°6	51°4			75°6	58	0°05	Calm	38
	March . . .	'572		93°6	58°0			75°8	47	0°25	Calm	62
	April . . .	'408		107°0	68°0			87°5	42	0°15	Calm	98
	May . . .	'312	Not available.	108°1	76°7			92°4	64	...	S W & S	288
	June . . .	'158		102°3	80°1			91°2	75	4°83	S & S E	286
	July . . .	'153		90°6	77°6			84°1	89	10°30	S E	283
	August . . .	'194		92°1	75°3			83°7	83	2°70	S	254
	September . . .	'341		96°3	74°6			85°5	80	2°47	Calm	168
	October . . .	'513		98°3	64°8			81°6	53	...	Calm	79
	November . . .	'586		90°7	51°0			70°9	57	...	Calm	60
	December . . .	'711		78°6	47°3			63°0	69	0°77	Calm	118
	Year . . .	'445		93°2	64°3			78°8	65	22°38	...	146
Sirsa.	January . . .	29°39'4		64°4	45°2			54°8	88	2°01	Calm	65
	February . . .	'369		73°1	49°4			61°3	83	0°35	Calm	35
	March . . .	'235		85°4	55°5			70°5	63	0°36	Calm	113
	April . . .	'086		103°5	68°4			86°0	36	0°02	Calm	158
	May . . .	28°94'7		111°0	79°2			95°1	31	0°80	W & S W	194
	June . . .	'839		107°6	83°1			95°4	54	3°91	W	149
	July . . .	'880		97°6	81°0			89°3	74	4°90	W. & E.	166
	August . . .	'891		100°9	81°3			91°1	68	2°50	W.	182
	September . . .	29°02'8		96°7	75°0			85°9	72	5°47	W E & Calm	139
	October . . .	'176		98°9	62°2			80°6	44	...	Calm	91
	November . . .	'374		85°6	51°1			68°4	57	...	Calm	67
	December . . .	'416		70°5	46°6			58°6	81	0°67	Calm	62
	Year . . .	'136		91°3	64°8			78°1	63	20°99	...	120
Bikaner.	January . . .	29°29'		67°4	49°0			58°2	8 A.M.	76	N W & Calm	84
	February . . .	'274		75°1	54°0			64°6	68	0°23	N W	96
	March . . .	'156		87°6	60°5			74°1	51	...	E & N W	118
	April . . .	'020		102°1	75°0			88°6	44	0°02	S & S W	127
	May . . .	28°89'1		109°0	83°2			96°1	43	0°03	S W	221
	June . . .	'762		105°9	84°8			95°4	59	5°81	S W	199
	July . . .	'787		97°3	80°8			89°1	70	1°77	S	202
	August . . .	'818		97°6	79°3			88°5	67	1°48	S W	204
	September . . .	'942		100°2	79°1			89°7	61	0°20	S W	154
	October . . .	29°10'8		96°8	69°6			83°2	36	...	S W	113
	November . . .	'295		85°4	57°7			71°6	40	...	N W	70
	December . . .	'332		71°1	?			?	74	0°28	N	86
	Year . . .	'057		91°3	?			?	57	12°20	...	13.

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . .	28°605	28°58.4	72°4	50°3	63°4	69°8	61°4	Daily. 59	1.34	W	56
	February . . .	'587	'551	79°3	55°0	69°4	77°1	67°2	48	0°23	N E & W	60
	March . . .	'490	'455	89°6	59°4	79°2	87°1	74°5	35	0°27	S W	86
	April . . .	'376	'334	102°0	69°1	92°7	99°3	85°6	27	...	S W	86
	May . . .	'278	'232	107°2	76°8	96°1	105°0	92°0	30	0°14	S W	125
	June . . .	'146	'107	98°9	79°4	89°6	95°1	89°2	61	6°01	S W & W	81
	July . . .	'161	'134	88°9	76°0	82°7	86°5	82°5	78	6°08	S W & W	85
	August . . .	'196	'162	89°4	74°9	82°5	86°8	82°2	75	10°06	W	112
	September . . .	'311	'267	93°0	73°3	85°2	90°0	83°2	69	3°39	W	79
	October . . .	'456	'415	94°1	65°5	86°3	91°8	79°8	41	...	N W & W	61
	November . . .	'628	'588	84°6	52°1	75°9	81°9	68°4	46	...	W	39
	December . . .	'636	'602	72°9	50°0	64°2	70°2	61°5	64	1°52	E	47
	Year . . .	'406	'369	89°4	65°2	80°6	86°8	77°3	53	29°93	...	84
Sambhar.	January . . .	28°776	Not available.	71°4	47°6	Not available.	Not available.	59°5	8 A.M. 76	0°48	N & E & Calm	120
	February . . .	'755		77°9	50°8			64°4	64	...	N & Calm	125
	March . . .	'655		87°6	56°0			71°8	43	...	Calm	144
	April . . .	'538		99°9	68°4			84°2	30	...	N W	137
	May . . .	'438		104°7	79°9			92°3	40	1°75	W	312
	June . . .	'304		98°2	81°0			89°6	66	3°63	W	257
	July . . .	'320		89°4	76°1			82°8	80	8°02	W	211
	August . . .	'355		89°9	75°2			82°6	78	6°13	W	211
	September . . .	'467		91°8	73°9			82°9	74	2°97	W	158
	October . . .	'619		92°9	64°6			78°8	52	...	W & N W	134
	November . . .	'796		83°5	49°9			66°7	54	...	Calm	54
	December . . .	'805		72°2	47°8			60°0	78	3°64	Calm & N	139
	Year . . .	'569		88°3	64°3			76°3	61	26°62	...	170
Ajmere.	January . . .	28°432	28°399	71°9	49°2	61°6	70°9	60°6	Daily. 63	0°57	W & NE	73
	February . . .	'410	'371	78°6	54°0	67°7	77°7	66°3	53	0°01	NE	78
	March . . .	'321	'277	87°7	58°8	78°5	86°9	73°3	41	0°41	W & S W	114
	April . . .	'209	'162	99°3	70°7	90°4	97°8	85°0	30	0°05	W	152
	May . . .	'120	'074	103°7	80°9	93°4	102°7	92°3	36	9°20	W	332
	June . . .	'27°979	27°950	95°0	80°3	87°3	92°7	87°7	65	7°27	W	222
	July . . .	'985	'953	86°1	75°8	80°7	84°9	81°0	82	6°66	W	172
	August . . .	28°027	'995	86°3	74°6	80°7	85°0	80°5	79	3°72	W	221
	September . . .	'142	28°097	89°4	74°2	83°2	87°6	81°8	74	5°79	W	128
	October . . .	'290	'245	91°6	64°7	83°6	90°2	78°2	49	...	W	79
	November . . .	'447	'411	84°2	49°8	74°1	82°8	67°0	46	...	Calm	32
	December . . .	'439	'411	71°9	50°2	62°1	70°6	61°1	69	2°31	Calm	45
	Year . . .	'233	?	87°1	65°3	78°6	85°8	76°2	57	26°99	...	137
Mount-Abu.	January . . .	26°120	26°100	64°0	51°0	60°4	61°3	57°5	Daily. 54	0°60	S W	145
	February . . .	'123	'100	69°9	55°7	65°2	67°7	62°8	44	...	S W	160
	March . . .	'084	'061	75°8	60°6	70°4	74°1	68°2	36	0°48	S W & W	212
	April . . .	'030	'002	84°8	69°5	79°7	83°1	77°2	28	0°02	S W	217
	May . . .	'25°979	25°954	86°3	68°8	78°7	85°3	77°6	44	0°52	S W	351
	June . . .	'823	'807	79°0	66°7	73°3	76°7	72°9	80	11°16	S W	295
	July . . .	'787	'773	70°1	64°6	67°5	68°7	67°4	97	49°20	S W	363
	August . . .	'841	'827	69°9	62°8	65°9	68°5	66°4	94	8°67	S W	334
	September . . .	'959	'935	74°6	64°7	71°8	71°8	69°7	83	8°25	S W & N W	170
	October . . .	26°072	26°042	77°5	63°2	73°6	75°0	70°4	50	0°11	NE & S W	147
	November . . .	'191	'162	72°6	56°9	69°7	70°4	64°8	40	...	NE	118
	December . . .	'146	'120	65°5	51°7	62°2	62°3	58°6	57	0°84	S W & NE	135
	Year . . .	'013	25°990	174°2	61°4	69°9	72°1	67°8	59	79°85	...	221

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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Deesa.	January . . .	29° 58'1	29° 53'5	81° 8	53° 9	71° 5	80° 3	67° 9	daily. 46	0° 64	NE	210
	February . . .	55'8	50'4	88° 8	58° 1	77° 9	87° 6	73° 5	35	0° 01	NE	220
	March . . .	48'2	42'7	95° 9	63° 6	84° 9	94° 6	79° 8	31	0° 02	W	208
	April . . .	36'6	30'4	105° 0	71° 5	93° 2	103° 0	88° 3	28	0° 11	W	206
	May . . .	31'8	24'5	106° 2	76° 5	92° 0	104° 9	91° 4	41	...	W	345
	June . . .	14'6	09'2	97° 9	78° 8	88° 4	94° 9	88° 4	64	4° 48	S W	314
	July . . .	12'4	09'1	86° 3	75° 5	80° 5	84° 1	80° 9	85	11° 48	S W	337
	August . . .	19'3	15'8	87° 4	74° 5	81° 6	85° 9	81° 0	77	1° 87	W & S W	274
	September . . .	31'2	26'0	92° 3	74° 5	84° 8	90° 6	83° 4	70	3° 83	W & N W	163
	October . . .	43'3	37'4	95° 5	66° 9	87° 7	93° 1	81° 1	48	...	S W NE & E	166
	November . . .	60° 0	54° 9	91° 5	54° 5	83° 3	89° 2	73° 0	34	...	SE	169
	December . . .	59° 4	54° 9	83° 3	53° 7	74° 2	81° 1	68° 5	46	0° 17	NE & N & E	218
	Year . . .	39'2	34'1	92° 7	66° 8	83° 3	90° 8	79° 8	50	22° 61	...	236
Indore.	January . . .	28° 19'5		78° 3	50° 4			64° 4	8 A.M. 74	0° 03	Cam & N	46
	February . . .	17'8		86° 2	56° 6			71° 4	66	...	Calm	62
	March . . .	11'3		90° 4	61° 0			75° 7	47	0° 05	N & Calm	84
	April . . .	02'1		100° 2	68° 9			84° 6	48	...	N	86
	May . . .	27° 9'3		102° 2	76° 0			89° 1	63	...	W	158
	June . . .	82° 6		91° 5	74° 7			83° 1	82	3° 71	W & S W	163
	July . . .	81° 6		82° 3	71° 7			77° 0	91	11° 70	S W	166
	August . . .	87° 0		82° 4	71° 1			76° 8	91	3° 44	W	137
	September . . .	94° 8		85° 3	70° 8			78° 1	92	8° 22	N & N W	96
	October . . .	28° 0'2		84° 5	65° 0			74° 8	79	5° 23	Calm N	84
	November . . .	22° 8		80° 1	51° 7			65° 9	68	...	Calm	31
	December . . .	21° 3		?	53° 0			?	75	0° 79	Calm & N	53
	Year . . .	03'3		?	64° 3			?	73	33° 17	...	98
Neemuch.	January . . .	28° 39'9		77° 0	50° 4			63° 7	8 A.M. 64	...	NE	139
	February . . .	37'2		82° 2	55° 9			69° 1	55	...	NE	149
	March . . .	30'3		90° 4	60° 5			75° 5	33	...	NE & W	182
	April . . .	21'4		99° 9	69° 9			84° 9	27	0° 36	Westerly	202
	May . . .	13'3		102° 9	76° 8			89° 9	45	...	W	374
	June . . .	27° 99'1		93° 4	75° 8			84° 6	79	10° 89	W	302
	July . . .	98° 6		84° 2	72° 9			78° 6	87	3° 92	SW	336
	August . . .	28° 04'1		84° 4	71° 9			78° 2	85	4° 10	SW & W	293
	September . . .	144		87° 2	71° 2			79° 2	83	6° 89	W	151
	October . . .	27° 8		89° 3	65° 7			77° 5	63	0° 41	Calm E	113
	November . . .	44° 3		83° 9	51° 7			67° 8	47	...	Calm	98
	December . . .	43° 6		76° 6	51° 5			64° 1	68	0° 80	E	113
	Year . . .	22° 8		87° 6	64° 5			76° 1	61	27° 38	...	204
Delhi.	January . . .	29° 31'4		65° 4	48° 6			57° 0	8 A.M. 82	3° 45	Calm	36
	February . . .	29° 5		71° 2	53° 5			62° 4	77	0° 39	Calm	36
	March . . .	17° 3		82° 3	60° 0			71° 2	53	1° 39	W & Calm	77
	April . . .	04° 5		98° 4	73° 3			85° 9	33	0° 27	W	77
	May . . .	28° 91'3		106° 9	82° 5			94° 7	32	1° 1	W	70
	June . . .	82° 0		101° 8	83° 7			92° 8	60	4° 41	SE	46
	July . . .	85° 2		92° 0	79° 7			85° 9	78	7° 54	Calm	41
	August . . .	85° 9		89° 4	78° 6			84° 0	82	11° 58	Calm	55
	September . . .	98° 1		90° 3	76° 2			83° 3	76	4° 88	W	72
	October . . .	29° 13° 0		91° 5	67° 9			79° 7	50	...	Calm & W	55
	November . . .	32° 4		80° 4	56° 4			68° 4	61	0° 81	Calm	48
	December . . .	35° 7		68° 3	50° 0			59° 2	79	5° 28	Calm	34
	Year . . .	08° 9		86° 5	67° 5			77° 0	64	41° 11	...	53



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Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall inches.	WIND.	
		8 A.M. mean.	Mean daily.	Mean maxi- mum.	Mean mini- mum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity miles per day.
Agra.	January . . .	29°520	29°489	68°2	48°5	60°0	66°3	58°4	72	1°04	N W	77
	February . . .	°476	°442	79°7	53°2	70°5	78°0	66°5	54	0°51	N W	73
	March . . .	°349	°297	89°7	63°4	80°9	88°3	76°6	43	0°25	N W & S W	115
	April . . .	°251	°194	98°2	72°2	91°0	96°3	85°2	34	0°27	N W	135
	May . . .	°096	°034	108°6	84°2	100°3	106°3	96°4	33	...	N W	186
	June . . .	°042	28°986	98°9	81°6	93°0	95°1	90°3	60	4°37	SE & N W	158
	July . . .	°010	°966	96°6	80°5	90°4	92°5	88°6	66	5°39	N W & S W	163
	August . . .	°033	°99	91°2	78°3	86°3	88°3	84°8	76	9°11	S W	139
	September . . .	°190	29°145	96°0	76°6	90°5	93°6	86°3	60	1°38	N W	98
	October . . .	°346	°291	94°9	66°7	86°8	92°2	80°8	36	...	N W	73
	November . . .	°489	°441	87°7	59°7	78°6	85°3	73°7	51	...	N W	68
	December . . .	°544	°503	75°7	48°3	66°0	74°1	62°0	54	0°16	N W	74
	Year . . .	°279	°232	90°5	67°8	82°8	88°0.	79°2	53	22°48	...	113
Pachhadra.	January . . .	29°723		75°3	45°3			60°3	8 A.M. 77	0°80	Calm	230
	February . . .	?		85°1	49°0			67°1	54	...	Calm	130
	March . . .	°546		94°8	59°0			76°9	65	0°70	Calm	?
	April . . .	°413		106°6	71°1			88°9	60	...	SE	233
	May . . .	°322		111°7	78°3			95°0	63	0°15	S W	314
	June . . .	°203		104°8	80°7			92°8	82	2°17	E, S & SE	317
	July . . .	°27		102°1	80°3			91°2	82	1°30	SE & S W	420
	August . . .	°248		95°0	76°8			85°0	87	5°76	S W	396
	September . . .	°440		100°5	74°9			87°7	72	...	S W	230
	October . . .	°533		99°6	64°2			81°9	54	0°56	Calm	132
	November . . .	°613		93°6	56°1			74°9	50	...	Calm	101
	December . . .	°734		82°2	44°6			63°4	62	...	Calm	89
	Year . . .	°453		95°9	65°0			80°5	67	11°44	...	?
Sirsa.	January . . .	29°396		66°3	43°7			55°0	8 A.M. 85	1°07	Calm	94
	February . . .	°345		79°5	49°0			64°3	73	0°23	Calm	110
	March . . .	°220		90°3	59°3			74°8	60	0°37	Calm	108
	April . . .	°118		100°9	68°8			84°9	38	0°43	Calm & S F	142
	May . . .	28°955		114°1	82°0			98°1	29	...	& E	228
	June . . .	°911		105°3	82°8			94°1	57	1°10	W	190
	July . . .	°871		103°9	82°6			93°3	61	2°45	SE, W & E	230
	August . . .	°901		99°5	81°1			90°3	69	2°80	W	228
	September . . .	29°068		103°6	77°5			90°6	52	...	W	146
	October . . .	°215		98°2	63°4			80°8	38	...	Calm	86
	November . . .	°361		88°4	54°4			71°4	47	...	Calm	84
	December . . .	°422		76°0	44°0			60°0	62	...	Calm	86
	Year . . .	°146		93°8	65°7			79°8	56	9°35	...	144
Bikaner .	January . . .	29°301		68°0	47°4			57°7	8 A.M. 75	1°07	Calm & N W	77
	February . . .	°250		81°4	54°2			67°8	48	0°03	N W & S W	96
	March . . .	°126		90°8	63°5			77°2	51	0°31	E & SE	115
	April . . .	°002		102°2	74°8			88°5	34	0°09	variable	142
	May . . .	28°871		112°4	84°9			98°7	34	...	S W & E	214
	June . . .	°804		106°0	84°8			95°4	54	2°17	S W	206
	July . . .	°786		104°1	83°0			93°6	60	1°63	S W	214
	August . . .	°808		98°4	80°9			89°7	66	5°20	S W	182
	September . . .	°980		101°0	78°9			90°0	51	0°53	S W	161
	October . . .	29°115		97°6	70°5			84°1	33	...	S W	96
	November . . .	°260		88°9	59°6			74°3	39	...	N W, & N W	84
	December . . .	°321		76°6	49°6			63°1	46	...	N W, Calm & N	82
	Year . . .	°053		94°0	69°3			81°7	49	11°03	...	139

1895.

Station.	MONTH.	PRESSURE.		TEMPERATURE.					Mean humidity daily %.	Total rainfall in inches.	WIND.	
		S A.M. mean.	Mean daily.	Mean max- imum.	Mean mini- mum.	Mean to hrs.	Mean 16 hrs.	Mean daily.			Prevailing di- rection.	Velocity in miles per day.
Jeypore.	January . . .	28°61.4	28°58.6	69°5	47°7	61°3	67°5	58°6	63	0°48	E & N W	54
	February . . .	'58.8	'55.6	81°4	52°0	72°2	79°3	66°7	44	0°11	W & N W	57
	March . . .	'49.0	'45.3	88°7	60°1	79°7	87°1	74°4	41	1°32	Westerly	82
	April . . .	'39.8	'35.2	99°2	70°4	90°1	96°3	84°8	36	0°12	W	112
	May . . .	'27.8	'22.0	109°4	81°4	98°6	107°0	95°4	33	0°01	W	183
	June . . .	'20.2	'15.5	101°0	80°3	92°0	97°0	90°7	56	1°82	W	130
	July . . .	'18.7	'14.5	96°4	78°5	88°3	93°0	87°5	66	8°71	W	123
	August . . .	'20.3	'17.3	89°4	74°9	82°7	86°7	82°2	76	10°66	W	115
	September . . .	'36.6	'32.5	96°9	73°6	88°8	94°1	85°3	53	0°27	W & N W	92
	October . . .	'40.5	'45.3	94°2	62°6	86°7	91°7	78°4	34	...	N W	61
	November . . .	'61.4	'57.6	88°4	59°3	80°4	85°7	73°9	37	0°01	N W	70
	December . . .	'65.6	'62.2	77°3	47°5	68°6	74°5	62°4	48	0°04	W	62
	Year . . .	'42.4	'38.6	91°0	65°7	82°5	88°3	78°4	49	23°55	...	95
Sambhar.	January . . .	28°78.4	Not available.	69°1	45°7	Not available.	Not available.	57°4	8 A. N. 79	0°67	Calm	130
	February . . .	'75.1		79°5	48°2			63°9	61	0°06	Calm	110
	March . . .	'65.4		88°4	59°8			74°1	54	0°35	Calm	142
	April . . .	'55.8		98°3	70°6			84°5	44	0°57	W & E	187
	May . . .	'43.7		107°8	82°4			95°1	46	0°06	W	307
	June . . .	'35.6		101°9	82°0			92°0	61	1°27	W	175
	July . . .	'34.2		98°5	80°4			89°5	68	4°87	W	175
	August . . .	'36.2		88°5	76°1			82°3	80	8°30	W	122
	September . . .	'52.6		95°5	75°2			85°4	67	0°34	W	130
	October . . .	'64.9		93°9	62°6			78°3	53	...	Calm	58
	November . . .	'78.2		88°4	56°5			72°5	50	...	Calm	41
	December . . .	'82.0		76°6	46°4			61°5	64	0°10	Calm	48
	Year . . .	'58.5		90°5	65°5			78°0	61	16°59	...	115
Ajmere.	January . . .	28°43.7	28°39.7	69°7	47°4	59°5	68°8	58°6	Daily. 64	0°58	NE.	48
	February . . .	'40.0	'37.2	80°0	48°8	69°6	79°0	64°4	48	...	Variable	40
	March . . .	'31.8	'27.5	88°7	59°5	80°1	87°3	74°1	43	0°32	W & SW	83
	April . . .	'22.7	'17.0	99°0	72°4	90°5	97°5	85°7	38	0°31	W	127
	May . . .	'12.2	'07.2	107°0	82°0	96°2	105°5	94°5	36	...	W	281
	June . . .	'02.8	27°98.4	101°0	81°9	91°9	98°6	91°5	54	0°99	W	226
	July . . .	'02.1	'97.6	93°9	78°5	86°2	91°2	86°2	69	10°78	W	231
	August . . .	'03.7	28°00.5	85°6	75°2	80°2	84°8	80°4	81	11°34	W	185
	September . . .	'20.5	'16.5	91°8	73°4	85°0	90°4	82°6	65	0°10	W	136
	October . . .	'32.5	'28.3	92°3	61°6	83°2	91°1	77°0	45	0°01	W	58
	November . . .	'44.6	'40.7	88°0	55°3	76°6	86°4	71°7	47	...	W	49
	December . . .	'48.3	'44.3	77°2	45°6	64°8	75°6	61°4	55	...	SE, NE & Calm.	42
	Year . . .	'25.5	'21.2	89°5	65°1	80°3	88°0	77°3	54	24°13	...	126
Mount Abu.	January . . .	26°11.1	26°08.2	63°5	48°7	59°3	60°5	56°1	Daily. 51	0°10	NE	152
	February . . .	'10.5	'07.7	70°3	54°0	65°3	68°1	62°2	34	...	SE, NE & SW	144
	March . . .	'08.0	'03.2	76°5	60°8	71°8	74°3	68°7	37	0°66	SW & W	181
	April . . .	'04.1	'01.1	85°4	69°1	79°7	83°6	77°3	34	0°13	SW	241
	May . . .	25°99.4	25°97.3	89°3	72°2	82°4	88°1	80°8	35	0°01	SW	343
	June . . .	'85.7	'84.3	81°6	68°1	76°7	79°3	74°9	70	6°32	SW	309
	July . . .	'85.0	'82.9	75°1	65°9	70°7	73°8	70°5	89	17°93	W	314
	August . . .	'84.9	'83.3	70°7	63°6	66°8	69°2	67°2	94	24°56	SW	287
	September . . .	26°01.5	'99.3	77°5	64°6	73°6	75°8	71°1	73	0°54	SW	175
	October . . .	'10.0	26°07.1	78°4	63°7	75°5	76°1	71°1	42	0°10	NE	133
	November . . .	'18.9	'16.4	76°2	61°2	73°4	73°8	68°7	40	...	SW, NW & W	107
	December . . .	'17.0	'14.6	67°9	52°4	64°7	65°3	60°2	38	...	N & NE	121
	Year . . .	'03.0	'00.6	76°0	62°0	71°7	74°0	69°0	53	50°25	...	209

1895.

Station.	Month.	PRESSURE.		TEMPERATURE.					Mean humidity. percent.	Total rainfall in inches.	WIND.	
		S A. M. mean.	Mean daily.	Mean maximum.	Mean minimum.	Mean 10 hrs.	Mean 16 hrs.	Mean daily.			Prevailing direction.	Velocity in miles per day.
Deesa.	January . . .	29°579	29°529	81°7	51°2	71°8	79°6	66°5	Daily.	38	NE & E	225
	February . . .	°555	°506	89°3	53°5	78°9	87°5	71°4	28	...	NE SE & SW	181
	March . . .	°466	°413	95°7	62°9	85°7	93°4	79°3	31	0°36	W & N	190
	April . . .	°379	°312	105°2	70°0	92°2	103°5	88°1	31	...	W	221
	May . . .	°319	°250	108°6	76°1	92°8	107°0	92°3	41	...	W	341
	June . . .	°179	°121	100°1	79°4	89°5	96°8	89°8	61	3°69	SW	359
	July . . .	°178	°129	93°3	77°8	85°6	91°0	85°6	70	4°61	SW	349
	August . . .	°197	°156	88°7	75°4	82°7	87°1	82°1	74	5°46	SW	245
	September . . .	°371	°314	97°7	73°4	87°0	96°0	85°6	54	...	W	175
	October . . .	°466	°410	97°5	65°1	89°5	94°3	81°3	37	0°29	E & SE	182
	November . . .	°578	°530	96°1	60°0	87°0	93°5	78°1	32	...	NW & NE & W	165
	December . . .	°618	°569	87°2	52°3	77°9	74°9	69°8	29	...	E	182
	Year . . .	°407	°353	95°1	66°5	85°1	92°9	80°8	44	14°41	...	235
Indore.	January . . .	28°190	Not available.	77°3	50°6	Not available.	Not available.	64°0	S A. M.	74	Calm	62
	February . . .	°182		82°8	53°5			68°2	63	0°66	Calm	55
	March . . .	°105		91°5	60°4			76°0	47	0°78	Calm. & NW	60
	April . . .	°039		98°6	68°9			83°8	44	2°26	W & NW	91
	May . . .	27°070		103°9	77°0			90°5	52	...	NW	168
	June . . .	°869		94°6	75°0			85°3	73	7°50	W	120
	July . . .	°871		86°9	73°2			80°1	86	8°56	W	106
	August . . .	°882		83°2	71°0			77°1	91	3°19	W	79
	September . . .	28°013		86°5	70°5			78°5	85	8°00	Calm	58
	October . . .	°125		86°6	61°6			74°1	67	1°52	Variable	62
	November . . .	°210		87°4	56°6			72°0	61	...	Calm	29
	December . . .	°242		79°1	48°0			63°6	60	0°08	Calm & NE	43
	Year . . .	°059		88°2	63°9			76°1	67	32°65	...	77
Neemuch.	January . . .	28°412	Not available.	74°9	50°3	Not available.	Not available.	62°6	S A. M.	71	E & NE	156
	February . . .	°387		82°5	52°5			67°5	47	0°03	Calm.	70
	March . . .	°309		90°9	61°3			76°1	39	0°14	Variable	187
	April . . .	°224		100°4	70°7			85°6	33	0°27	W	209
	May . . .	°141		106°3	78°4			92°4	48	...	W	293
	June . . .	°041		96°7	77°2			87°0	73	8°01	SW & W	317
	July . . .	°041		89°0	74°3			81°7	83	8°19	SW	331
	August . . .	°053		83°9	71°9			77°9	87	10°55	W	305
	September . . .	°202		89°9	70°8			80°4	74	2°93	W	187
	October . . .	°319		90°1	62°6			76°4	51	0°35	W, NE & SW	156
	November . . .	°426		89°7	58°5			74°1	41	...	NE	110
	December . . .	°464		78°9	49°3			64°1	51	0°02	NE	101
	Year . . .	°252		89°4	64°8			77°1	58	26°36	...	202
Delhi.	January . . .	29°335	Not available.	64°8	47°9	Not available.	Not available.	56°4	S A. M.	80	Calm	14
	February . . .	°289		75°4	53°5			64°5	70	0°53	Calm	12
	March . . .	°164		86°6	63°0			74°8	54	0°10	W	89
	April . . .	°079		94°7	70°1			82°4	46	0°44	W, E & SE	118
	May . . .	28°922		108°0	82°1			95°1	39	0°15	W	156
	June . . .	°883		97°4	80°5			89°0	67	3°10	E	156
	July . . .	°840		96°0	80°2			88°1	70	5°79	W	127
	August . . .	°865		91°8	78°6			85°2	76	4°14	W & E	130
	September . . .	29°021		96°2	77°5			86°9	59	0°95	W	86
	October . . .	°169		93°5	66°9			80°2	41	0°02	W & Calm	74
	November . . .	°307		86°9	58°7			72°8	47	0°02	W	58
	December . . .	°356		74°5	49°3			61°9	57	0°30	W	62
	Year . . .	°102		88°8	67°4			78°1	59	19°30	...	91



*Additional Notes by Lt.-Col. D. Ffrench Mullen, M.D., I.M.S.  
Civil Surgeon, Ajmere.*

VITAL STATISTICS.

AJMERE CITY AND SUBURBS—POPULATION ACCORDING TO CENSUS OF 1891=69,165.

Registration of Births and Deaths. The registration of births is very defective.

1. For the seven years 1891-97 inclusive, only 13,289 births were registered, as against 14,544 deaths for the same period, showing an excess of deaths over births of no less than 1,255, which is absurd.

2. The *minimum* birth rate which may be accepted as correct is 35 per thousand; the Municipal figures give only 25, or a deficiency of 10 per thousand per annum, so that for the period of seven years under report at least 3,000 births remained unregistered.

3. I have taken the minimum birth rate of 35 per mille for purposes of comparison, as Ajmere suffers from many of the defects which are accountable for decreased birth rate, as well as for infant mortality. The predisposing causes are chiefly insanitary surroundings, overcrowded and ill-ventilated dwellings, deficient drainage, dearness of provisions, small-pox, malarial fevers due to polluted soil, mal-practice of mid-wives, parents' neglect, deficient clothing, etc. Most of these evils are remediable, and it is hoped that with compulsory vaccination and improved birth registration small-pox at all events will soon be removed from the above category—for the rest it depends on the Municipality and largely on the people themselves to supply the remedy.

4. Now that an Assistant Health Officer has been appointed, who supervises the registration of deaths and personally investigates the particulars in each case, it is highly desirable that the registration of births should be placed upon an equally satisfactory footing. For this purpose it is necessary that the Assistant Health Officer should be provided with an office for the purposes of registration, and record of births, deaths and marriages. The Municipality has sanctioned a sum of money for the erection of a Vaccination station, and the Registration Office might be included at a slight additional cost. Printed forms on parchment paper should be supplied for registration forms, which should be available in the future as evidence in a court of law of a birth, death, or marriage, as the case may be; this would be an inducement to parents and others to resort to registration.

5. The Municipality to pay a small sum for each registration, to be utilized for the payment of printing forms and office contingencies, etc.

6. The Assistant Health Officer to have charge of the Registration Office in addition to his other duties, with the title of Sub-Registrar, and the office to be kept open daily for certain hours to receive registration reports.

7. The above suggestions, if carried out, would entail very little extra expenditure on the Municipality as a small fee for each registration would cover all expenses for upkeep.

## PUBLIC HEALTH, AND FOY SAGAR WATER-SUPPLY.

1. I have gone carefully into the subject of the effect of the Foy Sagar water-supply on the health of the city, and the result, as far as Mortality Statistics go, is not encouraging.

2. For purposes of comparison, I have taken the five years previous to the opening of the Foy Sagar, 1888-92, and the five subsequent years 1893-97. The comparison is partly vitiated by the fact that the mortality of the two periods is calculated on the census populations of 1881 and 1891 respectively; the tendency of this is to show an apparently higher mortality for the pre-Foy Sagar period and a lower mortality since the Foy Sagar was opened. To partly counterbalance this, the registration was more exact in the second period, and therefore the number of deaths registered was large.

3. The number of deaths registered from all causes from 1888 to 1892 was 7,310 equals a death rate per thousand of ....24'97; ditto for the period from 1893 to 1897..... 10,447 deaths, which is equivalent to a death rate per thousand of 30'33. The difference in favor of the pre-Foy Sagar period is 5'36, so that the mortality of Ajmere City and suburbs has *increased* by 5'36 per thousand since the Foy Sagar water-supply was laid on.

4. A further analysis of the Mortality Statistics gives some consolation, as it shows a diminution in the number of the cases and mortality from what are known as water-borne diseases (that is, caused by impure or deficient water-supply).

5. There has been a decided decrease in the number of deaths from cholera and bowel complaints. The average number of deaths from cholera has decreased from 35'20 per thousand to 6'80 per thousand. The average number of deaths from bowel complaints has decreased from 226'60 to 171'00 per thousand. Guineaworm is also supposed to have diminished.

6. On the other hand the mortality from fevers has gone up from 664'40 to 1111'60 per thousand, and this increase is to a certain extent due to typhoid fever, which to my knowledge has largely increased since the new water-supply.

7. I expect little improvement in this respect until an efficient system of drainage is established. It is one of the first principles of public health that the amount of water removed from the city by drainage or other means should equal the water-supply entering the city, otherwise the soil is saturated, and the benefits of a good water-supply are negated.

8. During the year 1896-97, 57 million gallons of water were supplied to the town from the Foy Sagar alone, and  $3\frac{1}{2}$  million gallons of liquid were removed by the conservancy tram; this does not include water supplied from wells, the Diggi, Jhalra, etc. None of this water is removed by drainage, and the ground is perforce waterlogged and polluted. Last year the inhabitants of Ajmere suffered to such an extent from malarial fevers that a sufficient number of persons could not be got to grind corn for food, and a public subscription was raised to buy quinine for the sufferers; the remedy is a proper drainage system.

## MEMORANDUM REGARDING THE IMPROVEMENT OF FOY SAGAR WATER-SUPPLY.

The means of improvement come under four heads:—

(a) Increase of supply from catchment area.

(b) Restoration of water (which leaks through the bund) to supply pipe by mechanical means.

- (c) Purification of water by filtration before it enters the distribution pipes.
- (d) Prevention of contamination by villages in the catchment area.

#### AJMERE WATER-SUPPLY.

The population of Ajmere City and suburbs, according to the census taken in 1891 was 69,000, allowing for an annual increase of 4 per cent. the present population (in 1898) may be estimated approximately at 90,000. The daily quantity of water required for 90,000 persons at 5 gallons each is 450,000 gallons.

The average rainfall for 32 years 1866-97 is 23.75 inches.

The following are the chief sources of water-supply to the City and its adjacent suburbs :—

1. The Ana Sagar Lake.
2. The Diggi reservoir.
3. The Jhalra reservoir.
4. The Foy Sagar.
5. Various pacca wells.
6. Budha Pushkar Lake.
7. The Ana Sagar Lake.

The water of this lake has not been used for drinking purposes since the opening of the Foy Sagar.

(1) It is utilized for irrigating the public gardens : average annual consumption = 24 millions cubic feet.

(2) For supplying dhobies' cisterns, bathing ghats, and cattle troughs : annual expenditure 7.38 million cubic feet.

The vertical loss by evaporation and in filtration is about 5.5 feet.

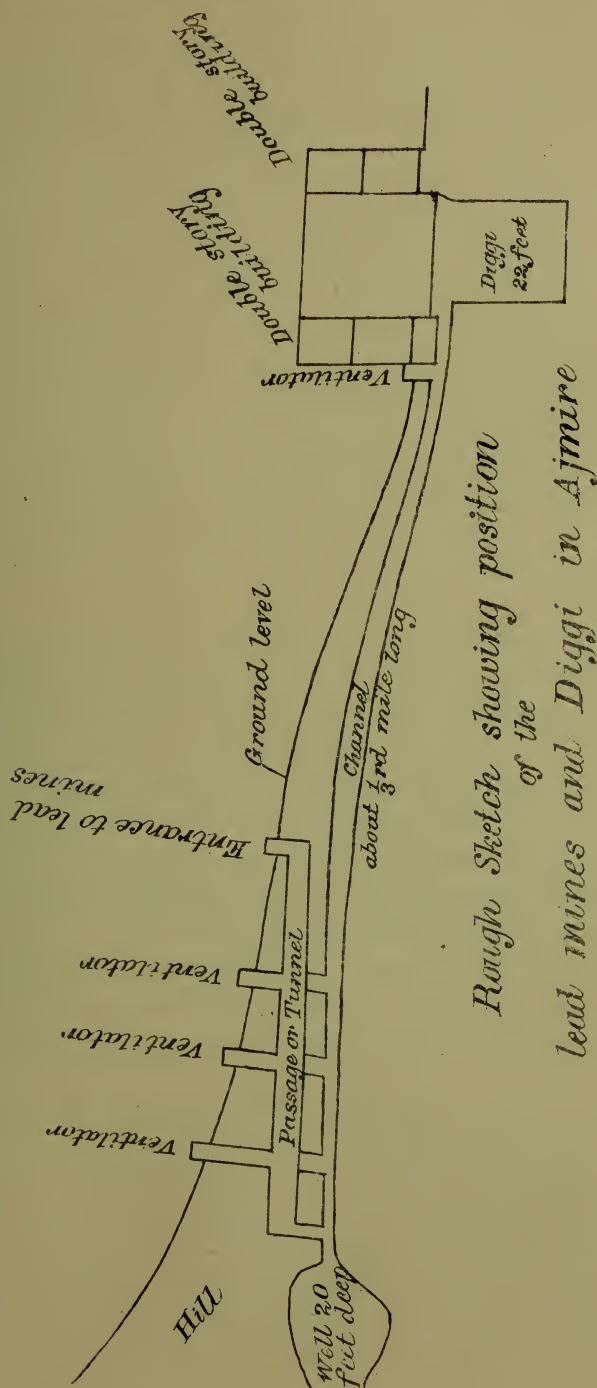
The bed of the lake was completely dry in 1891 and since then the water has remained at a low level on account of the Foy Sagar cutting off 8 miles of the principal catchment area. The result of the low water level is that the Ana Sagar gives forth an unbearable stench for several months of the year, rendering the bungalows in its neighbourhood uninhabitable, as well as being a source of danger to the public health. The Commissioner's house, which is on the bund, is Government property, and it is exposed to the noxious effluvia arising from the lake, so that if something is not done, Government will have to provide a new residence for the Commissioner. Several schemes have been brought forward to remedy this unsatisfactory state of matters, but the one that appears to me the most feasible is to form an island in the centre of the lake by throwing up the silt all round. The bed of the lake, which has doubtless silted up considerably since its construction in the eleventh century, would thus be deepened to its former level and evaporation reduced considerably owing to the diminished area of water surface exposed; this area would depend on the size of the central island. The Municipality is not in a position for monetary reasons to carry out this proposal, it would have to be done as a famine work.

(2) The Diggi reservoir, a rough plan of which I submit, was opened out by Col. Dixon in 1834. It is 170 feet long by 100 feet wide and 20 feet deep; it is supplied with water from the disused lead mines at the foot of Taragarh by a masonry channel. The Diggi



has overflowed all through the hot weather for the last two years; the water is potable and is largely used by the inhabitants in its vicinity; it would be interesting to take a census of the daily number of persons using it, as well as the water of the Jhalra.

The water of the lead mines being at a high level, could be utilized to supplement the Foy Sagar water by being laid on to the Railway workshops or in other ways at present. The overflow water of the Diggi runs to waste.



(3) The Jhalra reservoir. This is a deep cleft in the rocks at the base of Taragarh and close to the Durgah (Mohamed Mosque) ; it is fed principally by infiltration from the neighbouring hill and partly by surface drainage, it is of doubtful quality, but is rather extensively used for household purposes; no washing of clothes is allowed in the tank.

During the water famine in 1891-92 a steam pump was fixed and a useful supply of water obtained at a critical period ; it is not advisable to encourage the use of this water for drinking purposes.

(6) Budha Pushkar Lake is a natural depression among sand hills without any outlet and is situated about 5 miles north-west of Ajmere. It has a water spread of 087 sq. miles at the reduced level of 129 feet, and at this level it contains 20 millions cubic feet. Its catchment area is  $1\frac{1}{2}$  sq. miles, but in addition it appears to be constantly replenished from the water stored up in the sand of the surrounding valley which represents the accumulation of years. The lake area may be said to extend over the whole valley while evaporation is confined to the exposed water surface, hence the loss from this cause is slight and the amount of water in the lake is not perceptibly affected by a year of deficient rainfall, it merely indents more fully on the underground supply stored in the sandy soil around. During the water famine in 1891-92, water was conveyed to Ajmere by means of pipes and steam pumps. A new scheme for supplying water from Bhuda Pushkar at a cost of  $1\frac{1}{2}$  lakhs has been provisionally approved by the Chief Commissioner, but is only to be put in force when the necessity actually arises owing to failure of other supplies. This scheme necessitates the lifting of the water, a height of 300 feet, over the Pushkar Ghat and a delivery of 30,000 gallons per hour for 15 hours daily. The water of the lake is potable.

#### *I. Increase of supply.*

There are two villages in the catchment area, Ajesar and Karekri. Ajesar comprises two small villages within a short distance of each other. There are three kaccha tanks in the catchment, two belonging to Ajesar, of which one probably deprives the Foy Sagar of a week's supply for Ajmere; this tank should be shut up. The two other tanks are very small, and one is too contaminated by proximity to the village to be interfered with. As regards Karekri there is no tank attached to it, but it drains directly into the principal *nallah* which supplies the lake, and its cleanliness is a matter of great importance.

A sum of money should be spent annually before the rains in opening up the *nallahs* in the catchment, and in the removal of obstructions.

II. The leakage water should be caught in a small reservoir, and thence pumped into the supply pipe. The leakage water is already filtered in its escape through the bund. Major Spilsbury further recommends catch water drains along the base of the hills within the catchment area.

III. *Purification.*—It would cost about Rs80,000 to buy up the land in the catchment area of the Foy Sagar, and compensation for house property would bring the costs up to 2 lakhs or over ; as an alternative I would suggest that the villages of Ajesar and Karekri should be placed under the Ajmere Municipality for sanitary purposes only. The Municipality should defray the extra expenses incurred by the villagers for conservancy, as the water-supply would benefit by the enforced cleanliness. Also a slight remission of land revenue should be made by Government to the villagers as a reward for cleanliness, and the village headmen should be remunerated in some way.

IV. The present contour of the lake at overflow level is marked by boundary pillars, within which, nominally, no cultivation is allowed. This prohibited area should be extended to a quarter of a mile from the present boundary pillars. This area might be handed over for a term of, say, ten years, to the Forest Department (a yearly rental to be paid to the villagers) and planted with fruit trees, such as mangoes, ber, etc. No manure need be used, as the alluvial soil from the bed of the tank would be sufficient—grazing might be allowed under supervision, and hay crops grown in the rains; the villagers might be utilized as far as possible looking after the trees, cutting the grass, and of course grazing their own cattle. In this way very little hardship would be inflicted and when the trees are fruit-bearing, the villagers to resume possession, subject to the above restriction. The lake should be amply stocked with fish as a means of purification, and to supply Ajmere with food.

In addition to the above measures, the water from the wells in the disused lead mines which at present flows into the Diggi reservoir, might be more fully utilized to supplement the Foy Sagar water-supply, either by being connected with the pipes, supplying the Railway Workshops, or by being distributed by supplementary pipes to other parts of the city. The water is potable and a lot of it goes to waste by overflow from the Diggi reservoir. It would be very advisable to have a census taken of the number of persons resorting to the Diggi and Jhalra reservoirs for their water-supply. The Ana Sagar lake is used merely for washing purposes, cattle troughs, and irrigation. The area of the lake should be curtailed, to ensure a constant supply of water by minimising the loss from evaporation, etc.

#### VACCINATION.

The Ajmere Municipality keeps up a Vaccination Establishment at an annual expenditure of R637. This includes the pay of two Vaccinators, an allowance of R5 per mensem to the Government Native Superintendent of Vaccination for supervision, pay of a Moharir, stationery, etc.

Sanction has been lately given for the erection of a Vaccination Office at an estimated expenditure of R1,126. At present a ward in the General Hospital is used for the purpose—a matter of much inconvenience. A tabular statement is annexed showing the Vaccination work done during the years 1896-97 and 1897-98. It is satisfactory to note that there were only four deaths from small-pox in 1897, and none at all during 1898 up to date, *viz.*, 24th August 1898.

#### MEMORANDUM ON VACCINATION IN AJMERE-MERWARA.

The Vaccination Establishment consists of one Native Superintendent and 12 Vaccinators, one Moharir and one Chaprassi. For vaccination purposes the division of the District by Thanas is utilized, but as the number of vaccinators is too small, some of them have to work two Thanas instead of one, the result being that a number of villages are only visited once in two or even three years. The vaccination circle, which includes Kekri Town District and Sowar with a population of 72,000, has only one vaccinator. Bhinas circle with a population of 5,780 has only one vaccinator. In Merwara there is only one vaccinator for the three Thanas of Todghar, Dawair and Jassakhera. The population



is only 44,449, but the villages are scattered and the hilly nature of the country renders travelling difficult.

Two extra vaccinators are required for Ajmere District and one for Merwara District.

## AJMERE.

## MERWARA.

	Percentage of vaccinations to registered births.	Percentage of vaccinations to registered births.	Difference in favour of Ajmere.
1896-97	88'41	77'5	10'83
1897-98	96'58	69'44	27'14

The above table appears to prove that Ajmere District is better protected by vaccination than Merwara, but a reference to Statement I. A. Vaccine Department, a copy of which is attached for the year 1897-98, shows that the ratio per thousand of population successfully vaccinated was as follows: Merwara 32'70, Ajmere 27'48. The explanation is that the birth rate of Merwara is given as 42'83 per mile, while Ajmere shows a birth rate of only 29'91.

The apparently favourable ratio of vaccinations to births in Ajmere District is due entirely to defective birth registration. In Bengal the following method of village registration of births is in use and has worked well, and I have recommended that the same procedure might be introduced here.

Registration is entrusted to the Police. Each chaukidar or village watchman is provided with a pocket book in which to record or, if illiterate, to get recorded by the village *punchayet*, all births and deaths which take place within his jurisdiction; these are reported at stated intervals at the police stations and out-posts which are the registering centres. The statistics thus obtained are checked from time to time by inspecting officers, including the District Magistrate, Police Superintendent, Civil Surgeon and his Deputies. If omissions are detected, the defaulting chaukidar is reported to the District Magistrate for punishment.

*List of Vaccination Establishment in Ajmere-Merwara.*

PARTICULARS.	No.	PAID BY GOVERNMENT.		PAID FROM DISPENSARY FUND.		PAID BY MUNICIPALITY.		REMARKS.
		No.	Pay.	No.	Pay.	No.	PAY.	
			₹		₹		₹	
Native Superintendent . . .	1	...	24 per ensem.	...	...	...	5	
Vaccinators . . . . .	12	4	92 per annum each.	5	92 per annum each.	3	10 per ensem each.	
Moharir . . . . .	1	...	...	...	...	...	10	
Chaprassee . . . . .	1	...	...	...	...	...	5	Throughout the year.
Do. . . . .	3	...	...	...	...	...	5 each.	From 1st October to 31st March,

Vaccinators paid by Government and Dispensary Fund get ₹10 per month each from 1st November to 31st March, and ₹6 per month each from 1st April to 31st October, hence ₹92 per annum. There are two Municipal Vaccinators at Ajmere and one at Beawar ; each gets ₹10 per mensem throughout the year. One Chaprassie at ₹5 per mensem is kept throughout the year, and three are kept during the working season, *i.e.*, from 1st October to 31st March.

*Statement of Vaccination work in Ajmere City and Suburb in 1896-97 and 1897-98.*

YEAR.	Population.	Number of Vaccinators.	TOTAL NUMBER OF PERSONS VACCINATED.			PRIMARY VACCINATIONS.					RE-VACCINATIONS.		PERCENTAGE OF SUCCESSFUL VACCINATION.		Persons successfully vaccinated per 1,000 of population.	Births registered during the year.	Deaths registered during the year of children under one year old.	Number of children under one year who remained unvaccinated during the year.	
			Male.	Female.	Total.	Total.	Successful.	Total.	Under one year.	One to six years.	Over six years.	Total of all ages.	Successful.	Primary.					Re-vaccination.
1896-97 . . .	68,843	2	1,724	1,320	3,044		2,809	1,673	1,009	86	2,768	235	98.54	80.00	42.36	2,488	550	265	
1897-98 . . .	68,843	2	1,446	1,308	2,754		2,713	1,418	1,114	139	2,671	41	98.45	70.73	39.22	2,241	806	17	

D. FF. MULLEN, M.D., SURGEON LT.-COL.,

*Civil Surgeon, Ajmere.*



## CONSERVANCY.

The Municipality during the year under report spent R27,656-8-3 on conservancy ; this includes a sum of R2,464 on account of extra establishments in connection with precautions against plague. There is a noticeable annual increase in the number of private latrines in the city. This is a matter of anxiety on account of the difficulty in keeping them clean.

I have made out a tabular statement showing the expenditure on Public Health by the Municipality during 1897-98. This expenditure comes altogether to R49,400, or 28·58 per cent. of their income, which I consider very creditable.

53. For the purposes of conservancy arrangements, the Ajmere Municipality is divided into eleven wards as under :—

1. Madar Gate to Agra Gate ; bounded on the east by city wall, and on the west by Naya Bazar and Purani Mandi.
  2. From Agra Gate to Dehli Gate ; bounded on the east, by Naya Bazar up to the Chaupar, and on the west by the Dargah Bazar.
  3. From Naya Bazar Chaupar up to the Nala Bazar, *vid* Ghiwala Gate and Gali Khazanchian, on the south from Gali Khazanchian up to the Dargah Bazar.
  4. Kayasth Mohalla, Purani Mandi up to Gali Khazanchian.
  5. From Madar Gate up to Usri Gate ; bounded on the north by Nala Bazar, and on the west by Ghasiti and Diggi Bazar.
  6. From Ghasiti to Langarkhana Gali, including Nawab-ka-bera and Rega Mohalla.
  7. Lakhan Kotri, from Dehli Gate to Dargah Bazar, bounded on the east by Dargah Bazar, and on the south by Nala Bazar and Chauk Surat Ram.
  8. Khadim Mohalla, Shorgar Mohalla, Dargah, Lakhan Kotri, Silawat Mohalla and Inderkot.
  9. Kaisar Ganj, including Cavendishpura.
  10. Suburbs.
  11. Railway.
-



*List of Establishment in the Conservancy Department.*

No.	Designation.	Rate.	City.	Suburbs.	Tramway.	Total.	Temporary.	Grand Total.	REMARKS.
1	Inspector . . . . .	<i>R a. p.</i> 110 0 0	...	...	1	1	...	1	
2	Sub-Inspectors . . . . .	35 0 0	1	1	...	2	...	2	
3	Do. . . . .	20 0 0	...	..	...	...	1	1	
4	Cleiks . . . . .	15 0 0	...	1	...	1	1	2	
5	Jamadar . . . . .	11 0 0	...	2	...	2	1	3	
6	Do. . . . .	10 0 0	...	...	1	1	1	2	
7	Do. . . . .	9 0 0	2	...	...	2	...	2	
8	Peon . . . . .	7 0 0	1	...	...	1	...	1	
9	Do. . . . .	6 0 0	1	3	1	5	...	5	
10	Do. . . . .	5 0 0	7	6	2	15	19	34	
11	Do. . . . .	4 0 0	...	...	...	...	1	1	
12	Chowkidar . . . . .	6 0 0	...	...	1	1	...	1	
13	Bhisty . . . . .	5 0 0	2	2	...	4	1	5	
14	Do. . . . .	6 0 0	...	1	1	2	...	2	
15	Do. . . . .	7 0 0	...	...	1	1	...	1	
16	Sweepers . . . . .	6 0 0	...	...	4 <sup>1</sup>	4 <sup>1</sup>	...	4 <sup>1</sup>	
17	Do. . . . .	5 0 0	18	19	...	37	4	4 <sup>1</sup>	
18	Do. . . . .	4 0 0	29	50	...	79	...	79	
19	Do. . . . .	3 0 0	1	..	...	1	...	1	
20	Do. . . . .	2 0 0	1	1	...	2	...	2	
21	Do. . . . .	1 8 0	...	1	...	1	...	1	
TOTAL .		...	63	87	49	199	29	228	



*Statement showing Solid and Liquid Filth removed by Conservancy Tramway during last ten years.*

Estimated Population for conservancy purposes.		SOLID EQUIVALENT.		LIQUID EQUIVALENT.		TOTAL EQUIVALENT.		Average quantity per head per annum in lbs.
		In Gallons.	In Tons.	In Gallons.	In Tons.	In Gallons.	In Tons.	
40,000	1888-89	35,44,625	14,241'79	23,87,625	9,593'14	59,32,250	23,834'93	1,334'76
40,000	1889-90	33,82,250	13,589'40	24,73,875	9,939'68	58,56,125	23,529'08	1,317'63
40,000	1890-91	33,18,875	13,334'76	26,69,500	10,725'67	59,88,375	24,060'43	1,347'38
50,000	1891-92	32,83,250	13,191'63	27,84,125	11,186'22	60,67,375	24,377'85	1,092'12
50,000	1892-93	34,14,125	13,717'46	24,40,375	9,805'08	58,54,500	23,522'54	1,053'80
50,000	1893-94	31,69,375	12,734'10	27,44,000	11,025'00	59,13,375	23,759'10	1,064'41
50,000	1894-95	31,56,000	12,680'36	25,43,625	10,219'92	56,99,625	22,900'28	1,025'93
50,000	1895-96	31,96,625	12,843'58	32,06,250	12,882'25	64,02,875	25,725'83	1,152'52
50,000	1896-97	30,54,250	12,271'54	33,60,625	13,502'51	64,14,875	25,774'05	1,154'67
50,000	1897-98	29,93,000	12,025'44	41,06,250	16,498'33	70,99,250	28,523'77	1,278'09

NOTES.—Number of bullocks engaged on Tramway 20, on cart service 84 ; total number of bullocks 104.

Number of Tramway wagons . . . 73

Number of filth carts . . . 46

Number of rubbish carts. . . 16

The population according to the census of 1881 and 1891 respectively was 48,735 and 68,843. But as a number of persons resort to the fields around for obeying the calls of nature, and as filth of certain premises is not removed to the Trenching ground as explained in paragraph 62 of the Annual Report for 1895-96, the population served by the conservancy system has roughly been taken at 40,000 during the currency of the census of 1881, and 50,000 during the current census. The large increase in the population since 1881 to 1891 was mainly due to the Railway, as its opening in 1879 and the fact of Ajmere being made its head-quarters led to a great influx from outside. The settlers of 1879 brought their families to live with them or married and had children born to them. Since the census of 1891 there has been some increase, but to what extent I am unable to say.

## Statement of Births and Deaths registered in the Ajmere Town and Suburbs during ten years.

YEAR.	Population.	Births registered.	Ratio of births per 1,000 of population.	Deaths registered.	Ratio of deaths per 1,000 of population.	Rainfall.	DEATHS FROM			ATTENDED HOSPITAL FOR	AVERAGE PRICE OF			Cholera mortality in Ajmere-Merwara District.	Small-pox mortality in Ajmere-Merwara District.	REMARKS.		
							Cholera.	Fever.	Bowel complaints.		Diseases of the skin.	Ulcers.	Wheat.				Barley.	Maize.
1888 . . .	49,151	748	15'22	1,029	20'94	24'42	13	497	177	1,167	2,047	12	16	14	13	631	167 fatal cases of small-pox in city.	
1889 . . .	"	925	18'82	1,270	25'84	25'17	29	589	137	1,687	1,919	14	19	19	55	1,686	Death rate highest since 1881.	
1890 . . .	"	769	15'65	908	18'47	14'55	1	516	129	1,843	1,865	14	19	21	408	313	Very healthy year. Only one case of cholera. Census year. Small-pox epidemic, 357 fatal cases.	
1891 . . .	68,843	1,189	17'27	1,707	24'80	8'33	47	684	221	2,143	1,627	11	14	14	532	561	A <i>trika</i> or year of triple famine of water, fodder and grain.	
1892 . . .	"	1,326	19'26	2,396	34'80	20'87	86	1,036	469	1,485	1,837	11	17	17	2,352	1,652	Foy Sagar water-supplied—very unhealthy year, small-pox 198 deaths.	
TOTAL . . .	...	4,957	86'22	7,310	124'85	93'34	176	3,322	1,133	8,325	9,295	...	...	...	3,360	4,893		
Average for 5 years.	...	991	17'24	1,462	24'97	18'67	35	664	227	1,665	1,859	12	17	17	672	979		
1893 . . .	68,843	1,734	25'19	1,526	22'17	32'83	...	839	135	1,766	2,243	13	22	25	3	75	No cholera, small-pox 34 deaths.	
1894 . . .	"	1,694	24'61	1,705	24'77	26'99	...	902	173	2,029	2,720	14	27	27	...	437	No " " 106 deaths.	
1895 . . .	"	2,550	37'04	2,178	31'64	24'43	19	1,132	177	2,227	1,823	13	22	21	289	754	Small-pox, 128 deaths—compulsory vaccination introduced.	
1896 . . .	"	2,316	33'64	2,181	31'68	26'46	2	959	148	1,811	2,222	10	15	15	12	3,821	351 deaths from small-pox.	
1897 . . .	"	2,480	36'02	2,851	41'41	23'29	13	1,726	222	1,526	1,645	9	12	12	19	158	Only 4 deaths from pox, malarial fever prevailed extensively.	
TOTAL . . .	...	10,774	156'50	10,441	151'67	134'00	34	5,558	855	9,299	10,653	...	...	...	323	5,245		
Average for 5 years.	...	2,155	31'30	2,088	30'33	26'80	7	1,112	171	1,860	2,131	12	20	20	65	1,049		
		Average years	rainfall 1866 to	for 32 years	1897.	23'75						Average 13	20	22				

Average Birth rate of Ajmere Town and Suburbs for seven years from 1891 to 1897.

	MALE.								FEMALE.								TOTAL.								Ratio per 100 of male to female births.			
	1891.	1892.	1893.	1894.	1895.	1896.	1897.	Total.	Annual average.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	Total.	Annual average.	1891.	1892.	1893.	1894.	1895.	1896.		1897.	Total.	Annual average.
Ajmere Town	386	472	562	596	854	734	826	4,430	633	336	375	551	555	791	723	770	4,101	586	722	847	1,113	1,151	1,645	1,457	1,596	8,531	1,219	108
AjmereSuburbs	253	260	349	314	478	437	435	2,526	361	214	219	272	229	427	422	449	2,232	319	467	479	621	543	905	859	884	4,758	680	113
TOTAL	639	732	911	910	1,332	1,171	1,261	6,956	994	550	594	823	784	1,218	1,145	1,219	6,333	905	1,189	1,326	1,734	1,694	2,550	2,316	2,480	13,289	1,899	110



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STATEMENT OF BIRTHS AND DEATHS REGISTERED IN AJMERE TOWN AND  
SUBURBS FROM DECEMBER 1896 TO JULY 1897.

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*Statement of Births and Deaths registered in Ajmere Town*

MONTHS.	Population.	BIRTHS.							DEATHS BY CLASSES.				CAUSE OF					
		Mahomedans.		Hindus.		Other classes.		Total.	Mahomedans.	Hindus.	Other classes.	Total.	Cholera.		Small-pox.		Fever.	
		Male.	Female.	Male.	Female.	Male.	Female.						Male.	Female.	Male.	Female.	Male.	Female.
December 1896 . . .	...	39	38	44	51	...	...	172	37	63	...	100	...	...	3	...	20	32
January 1897 . . .	...	46	43	55	58	...	1	203	45	80	...	125	...	...	1	1	35	29
February 1897 . . .	...	16	24	31	31	...	...	102	28	47	...	75	...	...	...	...	24	20
March 1897 . . .	...	30	27	31	31	...	...	119	46	58	...	104	...	...	...	...	35	26
April 1897 . . .	...	38	31	22	26	...	...	117	58	97	...	155	...	...	...	...	48	54
May 1897 . . .	...	32	22	37	36	...	...	127	76	137	...	213	...	...	...	...	54	55
June 1897 . . .	...	26	18	30	30	...	...	104	36	63	...	99	...	1	...	...	38	34
July 1897 . . .	...	26	23	41	46	...	...	137	36	49	...	85	...	...	...	...	26	26
Total Ajmere Town .	41,416	253	226	292	309	...	1	1,081	362	594	...	956	..	1	4	1	280	276
December 1896 . . .	...	18	15	34	42	...	...	109	22	46	1	69	...	..	...	...	11	13
January 1897 . . .	...	10	7	27	33	...	...	77	24	22	1	47	...	...	...	...	9	14
February 1897 . . .	...	10	8	28	23	2	2	73	11	25	2	38	...	...	...	...	10	7
March 1897 . . .	...	13	17	17	22	...	...	69	22	42	2	66	...	...	1	...	17	13
April 1897 . . .	...	13	15	44	38	...	...	110	22	48	...	70	...	...	1	...	17	23
May 1897 . . .	...	11	8	31	25	2	1	78	13	72	1	86	1	...	...	...	26	25
June 1897 . . .	...	12	13	21	18	...	...	64	21	35	3	59	...	...	...	...	18	23
July 1897 . . .	...	7	12	27	25	...	...	71	15	32	1	48	...	...	...	...	12	12
Total Ajmere Suburbs .	27,427	94	95	229	226	4	3	651	150	322	11	483	1	...	2	...	120	130
GRAND TOTAL .	68,843	347	321	521	535	4	4	1,732	512	916	11	1,439	1	1	6	1	400	406

and Suburbs from December 1896 to July 1897.

DEATH.									AGE AT TIME OF DEATH.																											
Dysentery.		Diarrhoea.		All other causes.		Total deaths in Circle.		Total.	Under 1 year.		1 year and under 5.		5 years and under 10.		10 years and under 15.		15 years and under 20.		20 years and under 30.		30 years and under 40.		40 years and under 50.		50 years and under 60.		60 years and upwards.									
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.						
...	...	2	2	25	16	50	50	100	15	11	6	6	2	1	...	1	2	1	3	6	4	6	7	6	4	3	7	9	2'41							
...	...	2	4	25	28	63	62	125	24	25	2	8	...	2	...	1	1	3	7	6	7	3	6	5	7	5	9	4	3'02							
...	...	3	3	14	11	41	34	75	9	14	9	4	...	...	...	...	1	3	4	3	3	1	6	3	5	6	4	...	1'81							
...	...	3	5	25	10	63	41	104	25	11	8	8	...	1	...	...	3	1	10	5	2	1	2	3	5	4	8	7	2'51							
2	...	5	4	21	21	76	79	155	20	18	28	31	1	5	2	...	...	2	5	7	7	5	2	4	5	4	6	3	3'74							
...	...	1	4	54	45	109	104	213	39	41	42	39	4	...	2	3	...	3	3	4	4	3	3	4	8	4	4	3	5'14							
...	...	4	5	11	6	53	46	99	16	14	17	16	...	2	1	1	4	...	4	3	9	1	1	2	1	4	...	3	2'39							
...	...	2	3	16	12	44	41	85	18	10	10	7	...	...	...	1	...	6	3	5	4	5	2	2	3	1	4	4	2'05							
2	...	22	30	191	149	499	457	956	166	144	122	119	7	11	5	7	11	19	39	39	40	25	29	29	38	31	42	33	2'88							
4	...	3	2	21	15	39	30	69	7	13	5	3	...	1	...	...	...	...	3	2	6	5	7	2	4	...	7	4	2'52							
...	...	1	...	14	9	24	23	47	5	6	5	1	1	1	...	...	...	1	2	3	4	2	5	3	2	...	...	6	1'71							
1	...	2	...	9	9	22	16	38	4	5	4	...	1	...	...	1	...	2	2	3	4	1	3	...	2	1	2	3	1'39							
...	...	1	1	16	17	35	31	66	15	12	5	1	3	1	...	...	1	1	3	5	1	2	2	3	4	4	1	2	2'41							
...	1	3	...	11	14	32	38	70	12	16	5	6	2	1	...	1	1	...	2	7	3	2	1	2	6	2	...	1	2'55							
1	...	4	2	18	9	50	36	85	13	17	10	10	2	1	3	1	2	1	2	2	4	3	5	1	7	...	2	...	3'14							
...	...	3	...	9	6	30	29	59	9	7	6	14	1	...	1	...	1	...	5	2	1	3	2	...	3	1	1	2	2'15							
...	...	5	1	13	5	30	18	48	9	7	5	4	1	1	...	...	3	1	2	...	3	2	...	2	...	...	4	1	1'75							
6	1	22	6	111	84	262	221	483	74	83	45	39	1	6	4	3	8	6	21	24	26	20	28	13	28	8	17	10	2'20							
8	2	44	36	302	233	761	678	1,439	240	227	167	158	18	17	9	10	19	25	60	63	66	45	57	42	66	35	55	52	2'61							



## Statement of Deaths registered in Ajmere Town and Suburbs from December 1897 to January 1898.

Cause of Death.	Ward I.	Ward II.	Ward III.	Ward IV.	Ward V.	Ward VI.	Ward VII.	Ward VIII.	Total Town-all Wards.	Suburbs.	GRAND TOTAL.
Fever	11	17	39	13	27	50	32	27	216	124	340
Dysentery	...	5	14	6	3	8	4	5	45	19	64
Diarrhœa	6	9	25	12	13	28	4	12	109	32	141
Bronchitis	2	8	16	10	11	5	5	4	61	34	95
Pneumonia	10	11	21	10	23	18	11	10	114	82	196
Pleuritis	2	1	3	8	3	10	1	1	29	16	45
Phthisis	4	6	13	5	20	12	4	6	70	10	80
Measles	...	...	1	1	1	...	...	...	3	...	3
Asthma	...	3	10	1	9	8	9	2	42	17	59
Debility	7	12	27	14	31	36	13	20	160	83	243
Erysipelas	...	3	2	...	1	...	...	...	6	2	8
Sunstroke	...	...	1	...	2	...	...	...	3	6	9
Anasarca	...	4	8	...	2	7	...	...	21	3	24
Ruin	...	2	1	...	...	...	...	...	3	1	4
Hemiplegia	...	1	6	...	1	1	...	2	11	2	13
Abortion	1	...	1	...	1	...	...	...	3	1	4
Heart disease	1	...	1	2	1	...	...	2	7	...	7
Lock jaw	1	1	6	3	7	3	1	...	22	8	40
Obstruction of bowels	...	...	...	1	1	1	2	1	6	8	14
Mumps	...	...	...	...	1	...	...	...	1	...	1
Convulsions	...	1	1	...	2	2	...	...	6	7	13
Uterine diseases	...	...	...	...	1	...	...	...	1	...	1

	47	88	213	93	169	202	102	101	1,015	500	1,515
Whooping cough	...	...	2	...	...	1	...	...	3	...	3
Rheumatism	...	...	3	1	1	2	3	...	10	4	14
Liver disease	...	2	5	3	4	4	3	2	23	9	32
Labor	...	...	2	1	1	...	2	...	6	2	8
Paraplegia	...	1	2	1	...	1	1	1	7	3	10
Carbuncle	...	...	2	...	...	2	...	...	5	...	5
Calculus vesicæ	...	1	...	...	...	...	...	...	1	...	1
Fracture of skull and drowning	1	...	...	...	2	3	...	...	6	...	6
Opium poisoning	...	...	1	1	...	...	...	...	2	...	2
Croup	...	...	...	...	...	...	2	...	2	...	2
Anæmia	...	...	...	...	...	...	1	1	2	4	6
Dropsy	...	...	...	...	...	...	3	...	3	8	11
Scrofula	...	...	...	...	...	...	1	...	1	2	3
Premature birth	...	...	...	...	...	...	...	2	2	1	3
Piles	...	...	...	...	...	...	...	1	1	1	2
Leprosy	...	...	...	...	...	...	...	1	1	...	1
Gangrene and wound	...	...	...	...	...	...	...	1	1	6	7
Snake-bite	...	...	...	...	...	...	...	...	...	2	2
Sporadic cholera	...	...	...	...	...	...	...	...	...	1	1
Colic	...	...	...	...	...	...	...	...	...	1	1
Stricture urethra	...	...	...	...	...	...	...	...	...	1	1
<b>TOTAL</b>	<b>47</b>	<b>88</b>	<b>213</b>	<b>93</b>	<b>169</b>	<b>202</b>	<b>102</b>	<b>101</b>	<b>1,015</b>	<b>500</b>	<b>1,515</b>

NOTE.—Out of 340 deaths from fever 108 occurred from Typhoid fever as detailed below :—

Ward I	• 6	Ward VI	• 17
Ward II	• 5	Ward VII	• 14
Ward III	• 12	Ward VIII	• 6
Ward IV	• 0	Suburbs	• 41
Ward V	• 7		

The death registrations are now checked by the Assistant Health Officer, and no difficulties have been reported, although he visits each house where a death is reported and makes a personal investigation as to the cause of death.

*Statement showing number and ratio per cent. deaths registered in each*

WARDS.		Number of houses in each ward.	Approximate number of persons in each ward, taking 4 in each house.	NUMBER OF DEATHS REGISTERED.									Ratio of deaths per cent. of estimated population.
				December 1897.	January 1898.	February 1898.	March 1898.	April 1898.	May 1898.	June 1898.	July 1898.	Total.	
Ward No.	I . . .	538	2,152	9	5	9	10	4	4	3	3	47	2'18
"	" II . . .	1,008	4,032	17	20	13	11	7	8	6	6	88	2'18
"	" III . . .	2,460	9,840	35	27	24	24	46	25	16	16	213	2'16
"	" IV . . .	807	3,228	12	14	13	8	14	11	10	11	93	*2'88
"	" V . . .	2,015	8,060	27	30	21	20	15	27	18	11	169	2'09
"	" VI . . .	2,403	9,612	26	29	24	21	24	33	24	21	202	2'10
"	" VII . . .	1,114	4,456	27	19	10	16	10	9	8	3	102	2'28
"	" VIII . . .	937	3,748	22	19	10	10	8	11	14	7	101	*2'69
Total Ajmere Town . .		11,282	45,128	175	163	124	120	128	128	99	78	1,015	2'2
Suburbs . . .		...	30,000	74	79	65	60	64	64	42	52	500	1'66
GRAND TOTAL .		...	75,128	249	242	189	180	192	192	141	130	1,515	2'02

\* Nos. IV and VIII are the unhealthiest wards.



Ward from December 1897 to July 1898.

HINDUS.									MOHAMEDANS.									OTHER CLASSES.								
December 1897.	January 1898.	February 1898.	March 1898.	April 1898.	May 1898.	June 1898.	July 1898.	Total.	December 1897.	January 1898.	February 1898.	March 1898.	April 1898.	May 1898.	June 1898.	July 1898.	Total.	December 1897.	January 1898.	February 1898.	March 1898.	April 1898.	May 1898.	June 1898.	July 1898.	Total.
5	4	6	7	4	3	1	1	31	4	1	3	2	...	1	2	2	15	...	...	...	1	...	...	...	...	1
13	12	9	8	5	4	5	4	60	4	8	3	3	2	4	1	2	27	...	...	1	...	...	...	...	...	1
23	20	17	19	38	19	15	11	162	12	7	7	5	8	6	1	5	51	...	...	...	...	...	...	...	...	...
6	9	11	5	10	9	7	8	65	6	5	2	3	4	2	3	3	28	...	...	...	...	...	...	...	...	...
8	13	10	14	8	12	6	4	75	19	17	11	6	7	14	12	7	93	...	...	...	...	1	...	...	...	1
15	17	14	9	13	20	14	16	118	11	12	10	12	11	13	9	5	83	...	...	...	...	...	1	...	...	1
23	15	8	12	2	7	6	2	75	4	4	2	4	8	2	2	1	27	...	...	...	...	...	...	...	...	...
3	4	3	2	2	1	1	1	17	19	15	7	8	6	10	13	6	84	...	...	...	...	...	...	...	...	...
96	94	78	76	82	75	55	47	603	79	69	45	43	46	52	43	31	408	...	...	1	1	...	1	1	...	4
56	61	48	45	44	46	12	36	348	16	18	14	12	16	11	22	14	123	2	...	3	3	4	7	8	2	39
152	155	126	121	126	121	67	83	951	95	87	59	55	62	63	65	45	531	2	...	4	4	4	8	9	2	33

## Statement of Deaths registered in Ajmere Town

Cause of Death.	WARD No. I.										WARD No. II.										WARD																				
	December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.		December 1897.		January 1898.		February.																		
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.																	
Fever . . . . .	2		1		1		1	1		1	1		2	1	4	7		3	1		2	1		1		1															
Dysentery . . . . .																1	2		1																						
Diarrhœa . . . . .	2		1		1			1	1					3	3	1	1		2		1				1		2	1													
Bronchitis . . . . .	1		1											1	1		1	2		1					1		2	1													
Pneumonia . . . . .	1		2	1	3	2					1			6	4	2		7	1							10	1	2	1	3	1	1	1								
Pleuritis . . . . .	1		1											1	1		1									1		1		1		1									
Phthisis . . . . .	1				1	1		1						1	3		1	1			1	1				1	1	2	4	2	1		1	1	1						
Measles . . . . .																																									
Asthma . . . . .																1	1										1	2	2	2		2	1	1							
Debility . . . . .	1		1	2	2									1	2	5	1	1		1					2	1	1	2		1	1	5	2	1	2	3	1	2			
Erysipelas . . . . .																1									2						3					1					
Sunstroke . . . . .																																									
Anasarca. . . . .																1			1									3	1	1	1		1								
Burn . . . . .																1															2										
Hemiplegia . . . . .																			1									1	1		1		1								
Abortion . . . . .			1													1														1											
Heart disease . . . . .						1										1													1												
Lock jaw . . . . .							1									1			1									1		2	1	1									
Obstruction of bowels . . . . .																																									
Mumps . . . . .																																									
Convulsions . . . . .																		1											1												
Uterine disease . . . . .																																									
Whooping cough . . . . .																																									
Rheumatism . . . . .																															1										
Liver disease . . . . .																																1	1		1	2					
Labor . . . . .																																	1								
Paraplegia . . . . .																																1									
Carbuncle . . . . .				1												1																									
Calculus vesicæ . . . . .																			1												1										
Fracture of skull and drowning.										1						1																									
Opium poison . . . . .																																									
TOTAL . . . . .	2	7	1	4	1	3	7	3	2	2	2	2	1	2	1	22	25	7	10	12	8	8	5	5	6	5	2	5	3	3	3	1	5	46	42	19	16	12	15	12	12

and Suburbs from December 1897 to July 1898.

No. III.										WARD No. IV.										WARD No. V.																											
March.		April.		May.		June.		July.		Total.		December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.		December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
5	1	7	5	5	1	2	2	3	..	23	16	1	..	1	..	1	1	1	..	2	1	3	1	..	1	9	4	3	2	1	1	..	3	4	1	..	2	2	3	2	1	1	1	13	14		
2	1	1	1	1	1	2	..	1	..	10	4	..	2	1	..	..	2	..	..	..	..	..	1	..	5	1	..	1	..	..	..	1	..	..	..	..	..	..	..	1	2	1	2	1	..	..	
1	..	7	2	2	2	..	1	2	1	18	7	1	1	..	1	..	1	2	1	..	1	2	1	1	6	6	1	..	1	..	1	..	2	2	..	1	1	2	2	9	4	..	..	..	..		
1	1	1	1	..	..	..	..	1	5	11	..	1	2	1	..	2	..	3	..	..	..	..	..	1	4	6	..	1	2	1	1	1	..	1	1	2	1	..	..	..	5	6	..	..	..	..	
1	3	1	3	2	1	1	..	..	11	10	2	1	2	..	1	2	..	1	1	..	..	..	..	8	2	1	1	7	3	1	1	2	..	4	1	1	..	1	..	17	6	..	..	..	..		
..	1	..	..	..	..	..	..	..	2	1	2	1	1	..	1	3	..	..	..	..	..	..	..	4	4	..	1	1	..	1	..	..	..	..	..	..	..	..	1	2	..	..	1	2	..		
..	2	..	1	..	..	2	1	1	4	9	..	1	..	..	..	1	1	..	1	1	1	1	1	1	4	1	1	..	2	2	2	1	1	2	2	..	1	2	2	2	10	10	..	..	..		
..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..			
..	1	..	1	..	..	..	..	..	4	6	..	1	..	..	..	..	..	..	..	..	..	..	..	1	..	2	..	1	1	..	2	1	1	..	1	..	..	..	4	5	..	..	..	..			
2	2	5	1	2	1	2	..	1	17	10	..	3	1	..	1	1	1	1	1	1	1	1	1	2	5	9	1	4	2	2	5	2	1	2	2	1	5	1	2	2	1	16	15	..	..	..	
..	..	..	..	..	1	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		
..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	1	..	..	..	1	1	..	..	..	..			
..	2	..	..	..	1	..	2	..	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..		
..	..	1	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
..	1	1	..	1	..	..	..	..	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..		
..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	
..	..	..	..	1	..	..	4	2	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	2	1	3	1	1	..	1	..	1	..	1	..	1	..	..	..	4	3	..	..	..	..		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	1	..	..	..	1	..	..	..	1	..	..	..	1	..	..		
..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	2	1	3	1	1	..	1	..	1	..	1	..	1	..	..	..	4	3	..	..	..	..		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
..	1	..	1	1	..	..	3	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..		
..	1	..	..	..	..	..	4	1	..	1	..	1	..	..	..	..	..	1	1	..	..	..	2	1	1	1	1	..	1	..	..	..	..	..	..	..	..	9	..	..	..	..	..	..			
..	..	1	..	..	..	..	2	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..		
..	1	..	..	..	1	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
..	..	..	1	..	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
1	..	..	..	..	..	..	1	..	..	..	..	..	1	1	..	1	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	



## Statement of Deaths registered in Ajmere Town

CAUSE OF DEATH.	WARD NO. VI.																WARD NO. VII.																			
	December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.		December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
	3	2	3	4	3	2	1	3	4	2	6	1	3	4	1	8	24	26	5	6	3	2	3	1	1	3	3	1	...	2	1	1	17	5		
Fever . . . . .	3	2	3	4	3	2	1	3	4	2	6	1	3	4	1	8	24	26	5	6	3	2	3	1	1	3	3	1	...	2	1	1	17	5		
Dysentery . . . . .	3	1	2	...	...	...	...	1	1	...	...	...	...	...	...	...	5	3	1	...	...	1	1	...	...	...	1	...	...	...	...	...	3	1		
Diarrhœa . . . . .	1	3	2	...	2	1	3	1	3	...	2	4	...	2	2	2	15	13	...	1	...	...	1	1	...	...	...	1	...	...	...	...	2	2		
Bronchitis . . . . .	...	1	...	1	...	1	...	1	1	...	...	...	...	...	...	...	1	4	1	...	1	1	1	...	...	1	...	...	...	...	...	4	1			
Pneumonia . . . . .	2	...	3	2	...	2	2	1	1	2	3	...	...	...	...	...	11	7	2	2	2	1	...	...	1	1	...	1	1	...	...	6	5			
Pleuritis . . . . .	...	1	4	...	1	...	...	...	1	1	1	...	...	1	...	...	6	4	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...			
Phthisis . . . . .	...	1	...	2	...	2	1	...	1	...	3	...	2	...	...	...	4	8	...	1	1	...	1	1	...	...	...	...	...	...	3	...				
Asthma . . . . .	1	...	1	2	...	1	...	1	1	1	...	...	...	...	...	...	6	2	2	1	1	1	...	1	1	...	1	1	...	...	5	4				
Debility . . . . .	2	...	2	1	2	4	...	2	3	3	4	4	3	3	...	3	16	20	...	2	...	...	2	1	...	2	1	2	1	1	1	...	5	8		
Erysipelas . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Anasarca . . . . .	...	...	...	1	1	...	2	...	...	...	...	1	1	...	1	...	4	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Burn . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Hemiplegia . . . . .	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Abortion . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Heart disease . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Lock jaw . . . . .	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1			
Obstruction of bowels . . . . .	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	1	...	1			
Convulsions . . . . .	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Sporadic cholera . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Whooping cough . . . . .	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Rheumatism . . . . .	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	1	1	...	1	...	...	...	...	...	...	3	...				
Liver disease . . . . .	1	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	3	1	...	1	1	1	...	...	...	...	...	...	...	...	2	1				
Labor . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	2	...			
Paraplegia . . . . .	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...			
Carbuncle . . . . .	...	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Fracture of skull and drowning . . . . .	...	...	...	...	...	...	...	...	...	...	2	1	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Croup . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	1	...			
Anæmia . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1			
Premature birth . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Filæ . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Colic . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Leprosy . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Dropsy . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	1	...	1	2	...			
Stricture urethra . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Scrofula . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...			
Gangrene and wound . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Sunstroke . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Snake bite . . . . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
TOTAL . . . . .	15	11	16	13	11	13	12	9	15	9	18	15	10	14	7	14	104	98	12	15	9	10	7	3	8	8	7	3	6	3	3	5	2	154	48	

and Suburbs from December 1897 to July 1898—concluded.

WARD No. VIII.														SUBURBS.																					
December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.		December 1897.		January 1898.		February.		March.		April.		May.		June.		July.		Total.	
Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	3	3	2	3	1	1	1	2	1	4	3	1	1	14	13	6	4	6	8	7	9	8	5	6	8	15	13	9	6	7	7	64	60		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	2	2	...	...	1	...	1	1	2	1	...	...	...	3	1	12	7	...		
2	1	...	1	...	1	1	1	...	...	...	...	...	...	7	5	1	4	4	1	2	1	2	1	3	6	3	1	2	...	1	...	18	14		
1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	3	...	6	2	5	2	4	...	3	...	4	1	1	1	2	...	28	6		
1	...	1	2	...	1	...	...	2	1	2	...	...	...	5	5	12	5	12	6	10	5	7	4	6	4	2	3	1	...	3	2	53	29		
...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	3	...	2	3	1	...	...	...	1	...	...	...	2	1	8	8	...		
1	1	...	...	...	...	...	1	...	1	...	1	1	...	4	2	...	2	...	...	...	1	2	...	...	1	1	1	1	...	...	1	3	7		
...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	1	2	4	2	2	1	...	...	...	...	...	...	1	4	...	11	6	...		
2	3	1	1	1	...	2	...	2	2	2	1	2	...	10	10	2	6	7	8	3	5	7	6	6	4	5	8	6	2	5	3	41	42		
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1	...	1	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	2	...	...	1	1	...	1	...	1	...	...	1	1	...	2	2	...	
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1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	
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15	7	13	6	7	3	3	7	2	6	7	4	6	8	5	2	58	43	39	35	46	33	37	28	38	22	35	29	35	29	25	17	34	18	289	211

*Annual Report on the Water-supply system of Ajmere for the year 1897-98,  
by Major SPILSBURY, R.E.*

During the year no changes have taken place in the water-supply system. The Foy Sagar is still the main supply. On the 1st April 1897 its level was 15'37 feet above the lowest sluice. The minimum reached before the rains was 10'44 feet on the 10th July. The highest level reached during the year was 22'05 feet on the 30th August; this is 1'95 feet below the lowest weir, and is about 15 inches higher than the maximum of 1896. On 1st April 1898 the depth was 17'33 feet above lowest sluice, or nearly 2 feet higher than at commencement of the year. As the rains held off till the 12th July, and the tank was getting almost as low as it had ever reached by that date, considerable anxiety was aroused by the possibility of the tank failing if the rains were unfavourable or altogether held off, and the necessary preliminary arrangements were made to put down the Budha Pushkar water-supply scheme, if this should turn out necessary. One result of the enquiries instituted was to show that a considerable proportion of the necessary piping would always be available from certain firms in Calcutta in an emergency.

2. During the year the loss of water from all causes may be taken at 89 million cubic feet. Of this 17 million cubic feet were utilized by this town, 13 million cubic feet were lost in leakage, and 59 million cubic feet lost by evaporation and other causes. The corresponding vertical depths for these quantities are as follow :—

Utilized by the town . . . . .	2 feet
Lost by leakage . . . . .	1½ „
Lost by evaporation, etc. . . . .	7 „
<b>TOTAL . . . . .</b>	<b>10½ feet.</b>

3. Leakage has been regularly measured, and was at a maximum during the months of September, December and January, being about 13,10,000 c. ft. for each of these months and at minimum in June of 8,01,000 c. ft.

4. Of the 17 million cubic feet which is estimated as having been utilized in town consumption, 16 million cubic feet were actually measured as supplied to the town and railway through the Naya-gate cistern. The remaining 1 million cubic feet were used partly by the gardens at Foy Sagar and the hydrant on the road leading there, and partly delivered direct to the town without measurement through the Dehli-gate main. A meter is about to be put up on this high level main which does not pass through the Naya-gate cistern, and this quantity will in future be measured. Of the 16 million cubic feet which were measured, the Railway took nearly 5 million cubic feet or 31 million gallons, and private gardens, etc., in Cantonments used 1 million cubic feet. The population using the remaining 10 million cubic feet may be estimated at 50,000, so that the consumption per head in the city is 200 cubic feet per annum or 3'4 gallons per day nearly.

5. It will be seen that the leakage is not far short of the total consumption. Without some system of pumping it is impossible to utilize any of this, as it flows out at some 13 feet below the lowest sluice. If it could be used it would considerably extend the duration of supply of the tank, and might just obviate the necessity of installing the Budha Pushkar scheme in the event of one monsoon totally failing under certain circumstances.

6. The 12-inch main from the Foy Sagar to the distributing cisterns is constantly flowing during the 24 hours. During the months of moderate demand, *i.e.*, from July to



March, and when there is a sufficient head of water, the Dehli-gate main, which is connected directly with the 12-inch main from Foy Sagar and the higher parts of the city and Kaisarganj, is allowed to flow continually during the hours of day-light. The Railway main and its branch to the Cantonment remains open day and night, but during the month of maximum demand, say, April to June, Dehli-gate main is only opened during certain hours in the morning and evening, and at the end of the Cantonment branch, the supply has also to be regulated during the hot months to enable all to have a sufficient supply.

7. During the year under review about 3,500 running feet of new private connections were added.

8. Regarding the purity of supply, the state of the water remains much as it was. It was analysed once before the rains in June, and twice after in September. On the latter occasion it was also examined bacteriologically. One sample, from a road hydrant, was found to contain germs of enteric fever. A tabular statement is attached of these analyses. The purity of the supply therefore leaves much to be desired. The catchment area contains three villages, distant  $1\frac{1}{2}$  to 2 miles, and cultivation with manuring is unrestricted and is carried on right up to the border of the tank. As it will be out of the question at present to buy up the land and villages and stop the evil at its source, the only alternative is to make efficient filtering arrangements. The scheme is now being worked out on the most modern lines, and it is hoped that funds may be obtained in due course to institute an efficient system of filtration. In connection with this the question of utilizing the leakage water is also being considered.

#### ANA SAGAR.

The depth of water above sluice on 1st April 1897, was 4'23 feet. The lowest level reached was 0'20 feet on 10th July, and the highest 7'02 on 27th August 1897, which was more than a foot lower than the maximum of the year before. On 31st March 1898 the depth in above sluices was only 3'73, the water of this tank is used mainly for irrigating the Kaisar Bagh and Doulat Bagh gardens and for the Dhobies' Ghats.

E. C. SPILSBURY, MAJOR, R.E.,

*Executive Engineer, Ajmere Provincial Division.*

## Statement I.

*Foy Sagar Tabular Statement of capacity, consumption, revenue derived, and maintenance charges for the year 1897-98.*

YEAR.	Month.	Height above sluice on 1st.	Capacity above sluice.	Total out-goings during month.	CONSUMPTION AS MEASURED OF MONTH.		Loss from other causes col. 5- 6+7	REVENUE FROM SALE OF WATER.			Main- tenance charges for the year.	Rainfall in inches.	REMARKS.
					Town.	Railway.		Railway.	Others.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1897	April .	ft.	M. C. ft.	M. C. ft.	M. C. ft.	M. C. ft.	M. C. ft.	R	R	R			
		15'37	56'960	8'435	6'916	'454	7'065	355	249	604		'08	
	May .	14'27	48'325	12'275	1'057	'528	10'690	412	293	705			
	June .	12'50	35'250	9'775	1'150	'494	8'131	440	262	702		0'28	
	July .	10'90	26'475	Addition due to rainfall.	1'051	'418	...	326	175	501		12'28	
	August .	17'91	78'690		'923	'345	...	270	141	411		13'22	
	September .	22'04	123'270	8'482	'744	'393	7'345	306	204	510		0'84	
	October .	21'35	114'788	8'563	'899	'420	7'254	299	217	516		0'60	
	November .	20'62	106'225	7'590	'877	'327	6'386	256	200	456			
	December .	19'94	98'615	5'390	'843	'401	4'086	313	189	502			
	January .	19'42	93'305	5'825	'835	'390	4'500	305	177	482			
	February .	18'84	87'480	5'415	'857	'352	4'206	275	163	443		'36	
1898	March .	18'27	82'065	8'595	'926	'412	7'257	321	212	533			
	TOTAL	1897-98	...	80'285	11'068	4'934	67'020	3,878	2,487	6,365		27'66	

E. C. SPILSBURY, MAJOR, R.E.,

*Executive Engineer, Ajmere Provincial Division.*

## Statement 2.

Table of Results of Analyses of Foy Sagar water during 1897-98.

Date.	Sample where taken.	Total solid grains per gallon.	Chlorine grains per gallon.	Total hardness grains per gallon.	Fixed hardness grains per gallon.	Free ammonia parts per million.	Albuminoid ammonia parts per million.	REMARKS.
6th June 1897	•	16.8	3.5	.....	.....	.13	.28	No microbe resembling that of cholera. No enteric or cholera microbes.
31st August 1897	•	.....	.....	.....	.....	.....	.....	
14th September 1897	•	15.4	1.96	.....	.....	Nil	.24	
6th June 1897	•	16.8	3.5	.....	.....	.16	.28	No microbe resembling that of cholera. No enteric or cholera microbes.
6th June 1897	•	16.8	3.5	.....	.....	.16	.34	
31st August 1897	•	.....	.....	.....	.....	.....	.....	
14th September 1897	•	15.4	1.96	.....	.....	.04	.28	No microbe resembling that of cholera. Enteric microbe detected. No enteric or cholera microbes.
6th June 1897	•	16.8	3.64	.....	.....	.05	.28	
31st August 1897	•	.....	.....	.....	.....	.....	.....	
Do. . . . .	•	.....	.....	.....	.....	.....	.....	No enteric or cholera microbes.
14th September 1897	•	15.4	1.96	.....	.....	Nil	.24	
31st August 1897	•	.....	.....	.....	.....	.....	.....	
14th September 1897	•	25.2	1.96	.....	.....	.04	.22	No enteric or choleta microbes. No enteric or cholera microbes.
31st August 1897	•	.....	.....	.....	.....	.....	.....	
14th September 1897	•	.....	.....	.....	.....	.....	.....	No enteric or cholera microbes.

E. C. SPILSBURY, MAJOR, R.E.,

Executive Engineer, Ajmere Provincial Division.



Statement of Births and Deaths registered in Ajmere-Merwara during 1896 and 1897.

District.		POPULATION ACCORDING TO CENSUS OF 1891.			BIRTHS.			DEATHS ACCORDING TO SEX.			DEATHS ACCORDING TO CLASSES.		
		Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	Total.	Mahome- dans.	Hindus.	Other classes.
AJMERE—													
	1896	223,547	198,812	422,359	6,624	6,010	12,634	6,459	5,593	12,052	1,660	10,372	20
	1897	...	...	...	6,989	6,202	13,191	5,318	4,938	10,256	1,768	8,458	30
MERWARA—													
	1896	64,778	55,221	119,999	2,653	2,486	5,139	1,734	1,535	3,269	405	2,856	8
	1897	...	...	...	2,680	2,400	5,080	1,613	1,516	3,129	449	2,669	11
TOTAL AJMERE-MERWARA—													
	1896	288,325	254,033	542,358	9,277	8,496	17,773	8,193	7,128	15,321	2,065	13,228	28
	1897	...	...	...	9,669	8,602	18,271	6,931	6,464	13,385	2,217	11,127	41

[illegible]

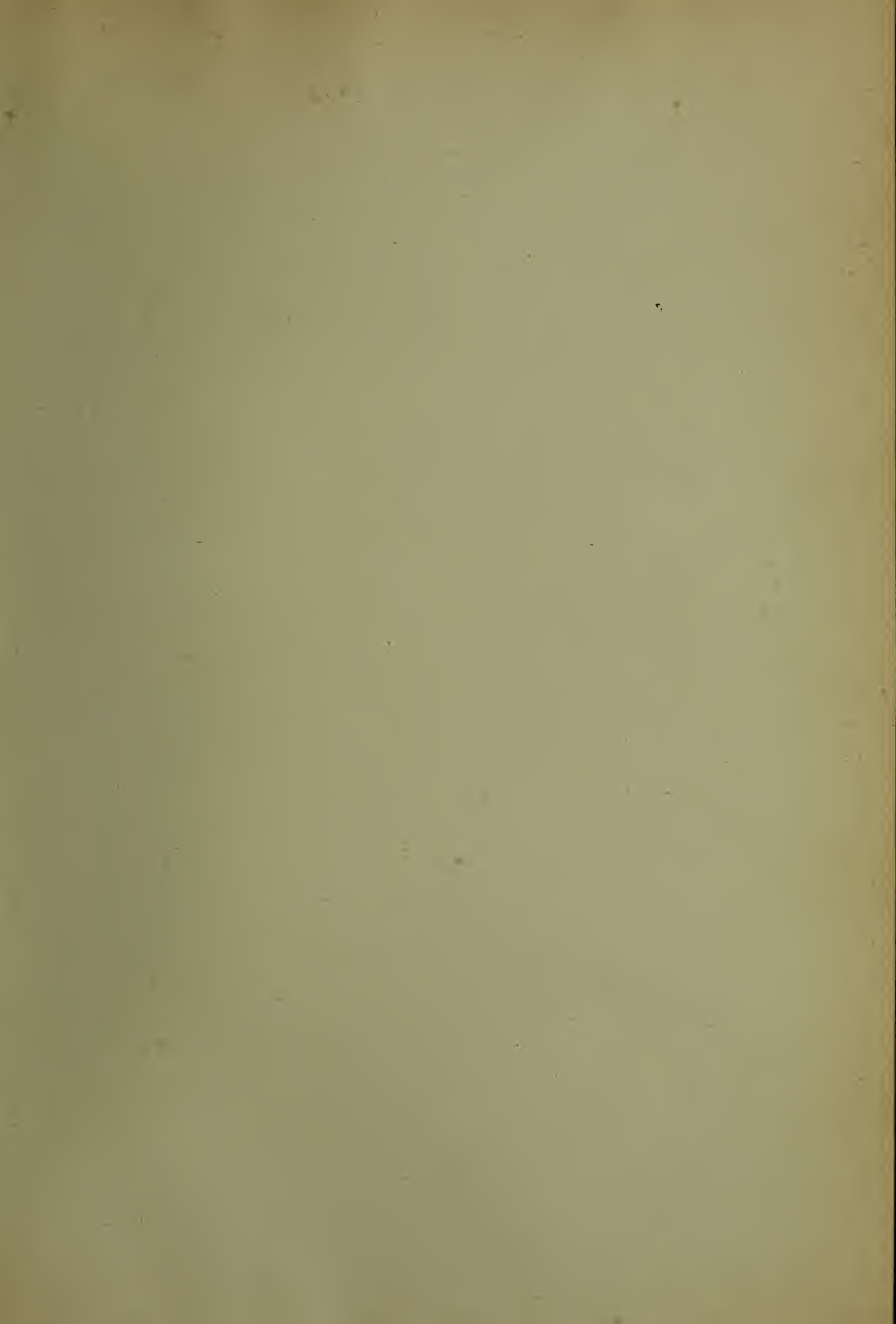
This is the form in which the daily mortality report is submitted.

G. I. C. P. O.—No. 7 F. D.—14-7-99.—100.—R. B.

*Health Officer.*













A  
MEDICO-TOPOGRAPHICAL ACCOUNT  
OF  
AJMERE, RAJPUTANA

BY  
LT.-COLONEL P. DURRELL PANK,  
INDIAN MEDICAL SERVICE,  
RESIDENCY SURGEON, JEYPORE, LATE OFFICIATING CIVIL SURGEON, AJMERE,

WITH ADDITIONAL NOTES  
BY  
LT.-COLONEL D. FFRENCH-MULLEN, M.D.,  
INDIAN MEDICAL SERVICE,  
CIVIL SURGEON, AJMERE.

1900.



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